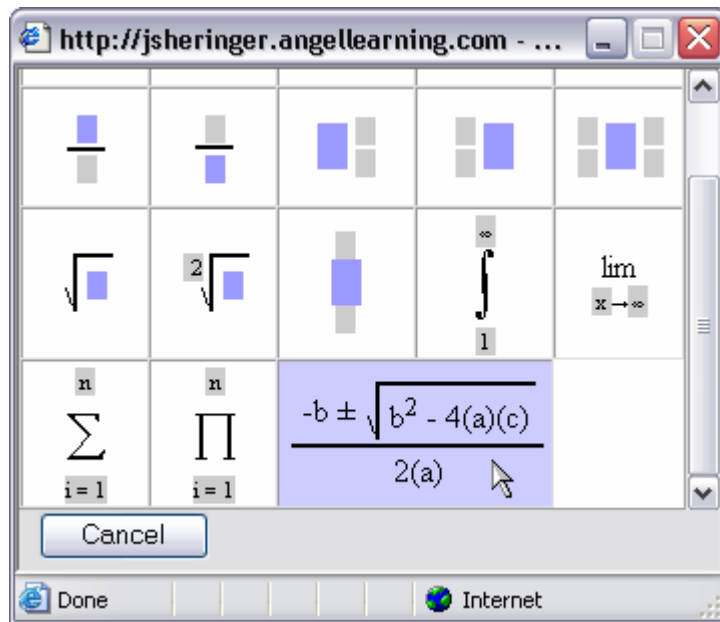


**How do you type math symbols, graphs, etc?  
How do you produce chemical equations?**

ANGEL's HTML Editor has integrated math editing that uses pure HTML (sup/subscript, symbols, fractions, macros and more). Foreign language character dialogue is supported (the system ships with Latin, Greek, and Hebrew) – including musical fonts/symbols. The system provides extensibility to provide other character sets and allows for the use of superscript and subscript.



**What if my school does not buy ANGEL? Can I as an instructor acquire a license for use by my students?**

The SUNY Master Agreement is based on the FTE (full time equivalent) of each institution and provides a site license for the entire institutions. There is not an option for an individual instructor to acquire an ANGEL license. In that case, it may be more practical for the instructor to utilize ANGEL via SLN.

**Can we play around with ANGEL on our own at some point?**

By visiting [www.angellearning.com](http://www.angellearning.com), you can request a demo account/ sandbox. With this account, you can try out many of the instructor tools that you viewed during the SUNY webinars.

**Could we tie formatting to CSS (style sheets) so that formatting would be consistent throughout a course?**

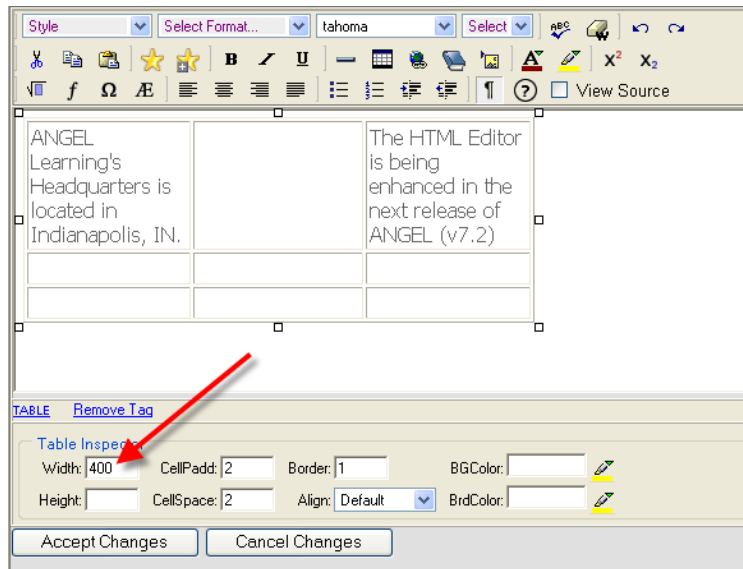
ANGEL makes extensive use of Cascading Style Sheets (CSS) for the visual formatting of pages. ANGEL Themes are implemented using Cascading Style Sheets. End users can select, edit, or create a theme for their use throughout the ANGEL environment. ANGEL supports a customized end user experience by

providing tools that enable the user to select layout, content, tools, and look and feel and save those settings for future use.

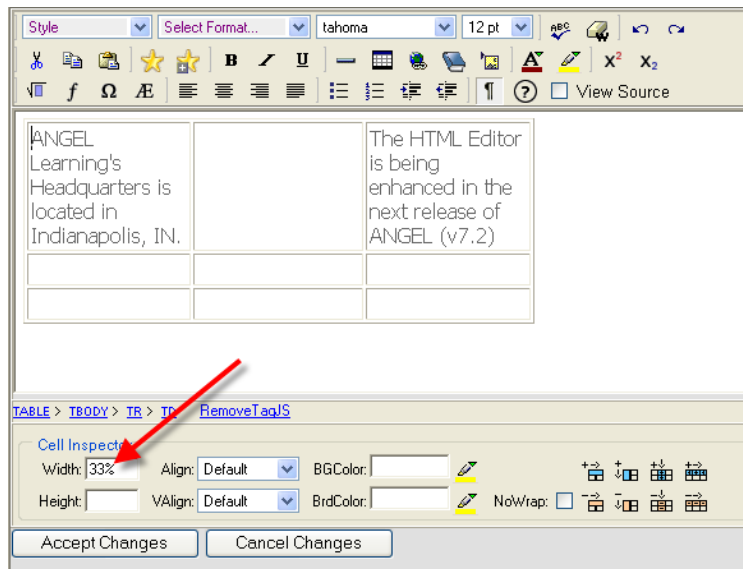
## Can we fix the size of tables and cells?

You can fix the size of tables and cells as follows:

The first step is to choose your desired table width (in pixels) by selecting the entire table (it will default to 75% of the page or portal component width). The Table Inspector can be used to bad cells, set alignment, add background colors, etc.



Next, place the cursor in the top cell of a column and input the width as a percentage. If each cell is given equal percentage values, the table will have fixed-width columns. The Cell Inspector can be used to specify other cell properties including alignment, cell color, cell wrapping, increase column and row span, etc.



**How does the system deal with students who lose their connection during a quiz/test?**

Within the quiz settings, the course editor can enable auto-save. By enabling auto-save, ANGEL will automatically save the students' work at the designated time period (every 5 minutes, every 10 minutes, etc...)

**Are there any books about using ANGEL?**

ANGEL documentation is available to ANGEL administrators via the ANGEL Support Portal for distribution to end users. The ANGEL Instructor's Manual can also be made available in the ANGEL application. End user documentation includes Student Quickstart Guide, Instructor Quickstart Guide, Instructor Manual, and ePortfolio Guide.

**Can I cut and paste a graph in the HTML editor?**

Yes.

**Can you describe "Game" features available in ANGEL?**

Both crossword puzzles and quiz shows (a la Jeopardy) can be created using the content creation tools in ANGEL. Games created in ANGEL can be graded and automatically have the grade submitted to the grade book.

**Can I use images in the matching assessment where they would match words to parts of an image?**

The WYSIWYG html editor is available in creation of questions, answers, and discriminator feedback which empowers the instructor with a great degree of flexibility in constructing quizzes. For example, they have the ability to associate images with questions, answers and feedback. By utilizing the HTML editor in creating quiz content, an instructor can also embed equations, scientific notation, symbols, foreign language characters and images within quiz questions and answers. Importantly, the HTML editor is available to students for use in answering quiz questions.

**Does ANGEL have relationships with textbook vendors to provide pre-configured course content (like Blackboard course cartridges)?**

In the case of publisher course cartridges, some publishers, including McGraw-Hill Education and Pearson Education, provide electronic content in a form explicitly readable by ANGEL. Further, the ANGEL IMS import/export system can be used on any publisher course cartridge produced to the IMS standard (i.e. Blackboard cartridges). ANGEL Learning is also very active in the IMS Common Cartridge Initiative that will allow publishers to create a course cartridge in a common format that can be used across platforms that support the Common Cartridge specification.

### **How might libraries use this for electronic Reserves?**

Many institutions utilize the Learning Object Repositories (LOR) to store and distribute eReserves. The LOR has the ability to publish course content (such as eReserves) to an individual course or group of courses, given the appropriate permissions.

### **When importing documents from other applications (such as Excel, Word), does ANGEL provide a clean imported copy or does it require extensive clean-up?**

When importing a file using the "Upload File" capability, ANGEL uploads the file in the format that it was in. In that case, the student would need to have the appropriate plug-in or application to view the file.

In the case that the document is pasted into the HTML editor, the course editor can use the "Clean" tool that removes many of the tags in Microsoft Office documents.

### **Does Course Compass integrate into ANGEL or do users link out to it from ANGEL?**

ANGEL doesn't currently have an integration with Course Compass. Given the open nature of the ANGEL application, this type of integration could be accomplished via a consulting project or partnership with Course Compass.

### **Does ANGEL allow you to restrict file types when uploading? At a system level?**

File types could be restricted at the system level by restricting the MIME types.

### **Do some of the reporting features require logging to be enabled in ANGEL?**

Logging must be enabled for specific content items to view Activity Log reports that reflect activity such as viewing a page, opening a survey, taking a quiz, etc. If logging is disabled, Activity reports will not report any access to content items. Course access is logged by default.

### **Can a course index of key words be created?**

Courses are searchable by key word. By using the Guide, users can perform either a simple or advanced search of course content, mail, roster, and calendar.

### **Can Chat be large print enabled?**

The chat user can self-select the font size in chat.

### **Can you describe the integration with Banner?**

### **Can the batch enrollment be automated?**

ANGEL Extended Enterprise Integration (XEI) automates the exchange of data between your master database and ANGEL. XEI reduces data integration costs and increases reliability and accuracy by eliminating manual steps. It reduces operating costs by enabling integration to ANGEL from more than one source database.

automatically keeping your databases in synch. ANGEL XEI also reduces maintenance costs and disruption as ANGEL and your other databases change.

With XEI, course and user data used in ANGEL, including account data and course enrollment drops and adds, is automatically exchanged with the ERP database (i.e., student information system, including Datatel Colleague, SCT Banner, Peoplesoft, and others). Institutions set up ANGEL XEI to run on the schedule they choose, e.g. daily, every six hours, hourly, etc. XEI “pulls” the information from the source database and alters the other database appropriately.

ANGEL supports a variety of methods for data integration with Student Information Systems (SIS) and other existing systems. Some of these methods require only basic file transfer. The most fully automated integration methods utilize ANGEL’s Extended Enterprise Integration (XEI) module as detailed above.

For situations that don’t require complete automation, ANGEL’s Batch Enrollment and Account Creation tool can create accounts and enroll users in courses using data from virtually any delimited file. This delimited file is often produced using a simple export or reporting function from the SIS database. The tool’s wizard interface guides you through the process of importing the data. When processing the file, the wizard checks to see which users do not already have accounts and creates accounts for them automatically. If a user already has an account, the system enrolls the user using the existing user ID. Upon completion, the wizard can even send a custom email to each user for whom a new account was created providing the user with his or her username, password, and the URL to access the system. It can also send an enrollment notification to each user who is newly enrolled in a course as a part of the process.

The Text Import Wizard allows the administrator to import arbitrary data from a text-delimited file into any ANGEL table. This highly flexible tool can be used to import calendar information, process enrollment add/drop files, update personal information based on HR data, and more. Because it does not require a specific file format, the ANGEL Text Import Wizard can adapt to any existing systems. If the data source is ODBC compliant, the administrator can use the Database Import Wizard to import the data directly from the database. The wizard interface guides the user through setting up an import script. It will even attempt to map matching fields between the source and destination tables automatically. Once the script is created, it can be saved and reused. In addition to importing data into ANGEL, this flexible tool can be used to copy data out of ANGEL and into any ODBC compliant database.

In addition to these tools, custom solutions can easily be programmed directly against the ANGEL tables. The ANGEL table structures have been kept very simple to make it easy to integrate data from other systems. One can easily write a SQL stored procedure to process data from another system and import it into ANGEL. The stored procedure could then be scheduled so updates occur as often as required. ANGEL even provides fields that can be used to store whether a record was manually added or added as part of the synchronization process. This allows ANGEL to have unofficial courses, groups, and users in addition to those in the official system.

## **Will the SLN installation of ANGEL integrate with individual campus instances of SCT Banner for authorizing students and populating courses?**

SLN in conjunction with ANGEL Learning is evaluating how best to implement ANGEL while being able to incorporate data from disparate systems institutions within SUNY.

## **How is the student view accessed?**

ANGEL provides a User Preview mode that allows course editors to view the course from any role including students. The User Preview tool is accessed by selecting the glasses icon at the right hand top of the screen and selecting the role that you want to view the course from.

## **Does the discussion allow for both messages that can be targeted to a particular student as well as messages that are viewable to all?**

ANGEL's specialized Journal discussion forums show only a student's posts and replies to those posts by course editors. The private nature of the forums encourages more reflective writing and provides the opportunity for one-on-one interaction between student and instructor.

Narrative feedback is available to accompany the overall forum grade and will post to the grade book. For narrative feedback on individual posts, instructors can utilize the "mail author" link.

## **Does the e-mail function indicate that a response has been sent?**

When viewing ANGEL mail, the user has the ability to see who has read each message, without requiring a read receipt.

## **Is there a list of definitions that is accessible to faculty?**

ANGEL includes context sensitive help. By clicking on the term, the user has access to a pop-up box that defines the term for them.

## **Can I do a demo of Adobe Photoshop in desktop sharing during live office hours?**

Using ANGEL Desktop sharing, the presenter can share any application available on their desktop.

## **Can you change the point value of all questions in a previously made test at once or does it need to be done one question at a time?**

With ANGEL 7.1, changes to question point values must be made one at a time but with ANGEL 7.2 (due for release in Spring 2007), assessment functionality is being greatly enhanced. One of the enhancements expected is the ability to "normalize" point values for question sets on an assessment (you can have one or more question set). For example, if I have 10 questions on an assessment placed within 2 question

sets (5 questions in each), I could set the normalized point value for all questions in one set to a specific value (e.g. 10 points each).

**Is ANGEL an acronym?**

ANGEL is an acronym for **A** **N**ew **G**lobal **E**nvironment for **L**earning.

**What platform does ANGEL run on?**

Microsoft Windows 2003 Server Standard Operating System (Enterprise is also supported)

Microsoft SQL Server 2000 Standard Edition or Microsoft SQL Server 2005 Standard Edition

**Is there a standard format from a program like Word, where a test can be created and then uploaded into ANGEL to work as though it were created in ANGEL?**

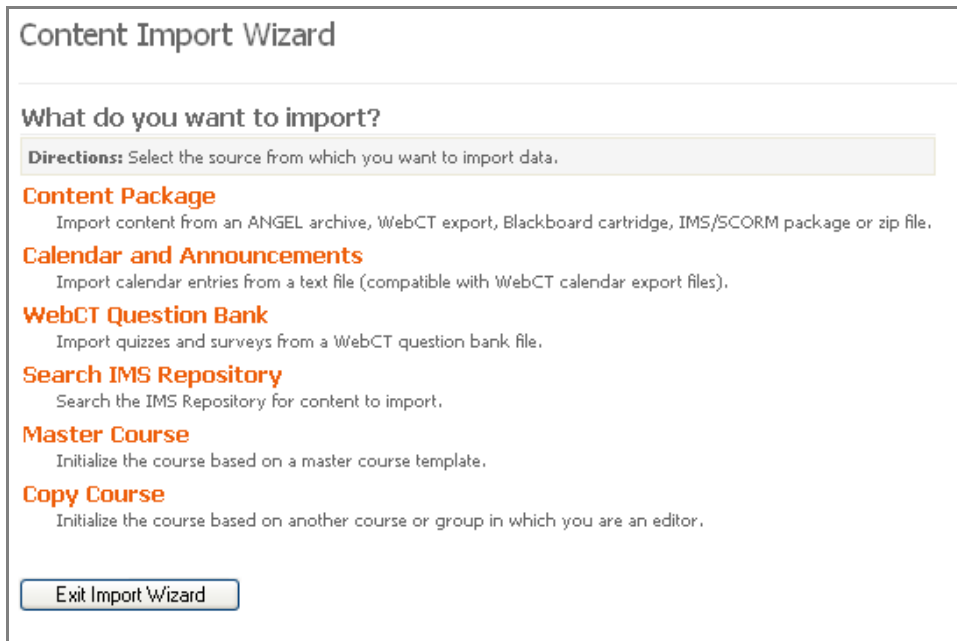
ANGEL allows the ability to import questions by using the format specified in the Import Question link. The instructor can cut and paste their questions from the text file into ANGEL and ANGEL creates the questions as if they were created using ANGEL.

**Can you explain a bit about incorporating Powerpoint presentations into the a course module? Do students need a Powerpoint viewer?**

Powerpoint presentations can be easily uploaded into ANGEL using the File Upload capability. Powerpoint presentations uploaded in .ppt format would require that the student has a Powerpoint viewer. Powerpoint presentations can be saved and uploaded into ANGEL as HTML and would not require the Powerpoint viewer. Another alternative would be to use a tool like Impatica to format Powerpoint presentations for upload into ANGEL and would not require the student to have a Powerpoint viewer.

**Is there a conversion tool which automates the import of all courses from another LMS .... say Blackboard?**

ANGEL's Content Package Import Wizard supports the import of several different file types including Blackboard and WebCT course content which is in IMS format. The wizard detects the type of file which is being imported and prompts the user for the appropriate inputs. All content is retained during the import. Courses can also be imported en masse by using the batch import utility available in the administrator's console.



The screenshot shows the 'Content Import Wizard' interface. At the top, the title 'Content Import Wizard' is displayed. Below the title, the question 'What do you want to import?' is posed. A grey box contains the instruction: 'Directions: Select the source from which you want to import data.' Below this, several options are listed, each with a description:

- Content Package**: Import content from an ANGEL archive, WebCT export, Blackboard cartridge, IMS/SCORM package or zip file.
- Calendar and Announcements**: Import calendar entries from a text file (compatible with WebCT calendar export files).
- WebCT Question Bank**: Import quizzes and surveys from a WebCT question bank file.
- Search IMS Repository**: Search the IMS Repository for content to import.
- Master Course**: Initialize the course based on a master course template.
- Copy Course**: Initialize the course based on another course or group in which you are an editor.

At the bottom of the wizard, there is a button labeled 'Exit Import Wizard'.

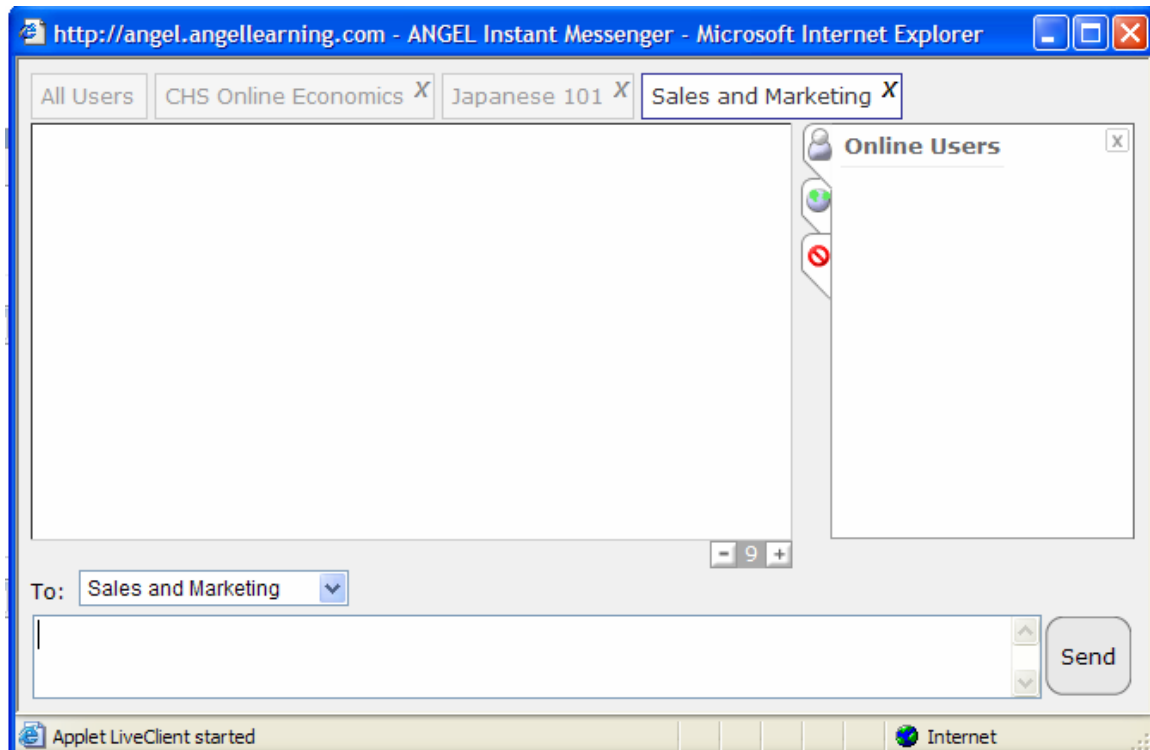
**Does the chat feature in ANGEL support live voice/video like from a webcam?**

ANGEL Live supports text chat but you could use the desktop sharing for a live voice/ video. ANGEL also supports integration with Horizon- Wimba for most robust synchronous tools.



## How does the instant messenger work?

ANGEL Instant Messenger is a global messenger tool. When an end user selects the IM icon in the left sidebar, they are presented with a chat window. The chat window displays all of the courses and groups that they are associated with and the users in each of those courses and groups that are logged into instant messenger.



## Is all private communication with the student (not evaluations of assignments) handled via mail, or is there a "private folder" type capability in ANGEL?

Private communications can be handled in a variety of ways within ANGEL. First, the communication can be handled via course mail. Second, there is a discussion forum mode called "user journal mode". ANGEL's specialized journal discussion forums show only a student's posts and replies to those posts by course editors. The private nature of the forums encourages more reflective writing and provides the opportunity for one-on-one interaction between student and instructor. You can create a private folder (a drop box that isn't designated as a gradebook item) that can allow private communication and sharing of documents between student and instructor.

**Is it possible to pull up all discussion board postings (from every discussion board in a course) that a particular student has submitted, from just one screen? (Or would you need to pull up postings from the respective discussion board only?)**

The reports console in ANGEL allows easy access to a variety of learning reports, content reports, and queries on the course level. The Learning Profile allows the instructor to view a list of all of the discussion forums within a specific course or group by user and the number of posts for that user. The instructor can drill down into the detail of the discussion forum by clicking on the particular discussion forum link and view the individual user's post for each forum within the course.

The screenshot shows the ANGEL Reports Console interface. The top navigation bar includes links for Course, Calendar, Content, Resources, Communicate, Report, Automate, and Manage. The main area is titled "Reports Console" and shows a report for "Fowler, Cathy" generated on 11/16/2006 at 12:17:14 PM. The report is titled "Starting Last Month Ending before Now" and displays a table of forum posts.

Forum Name	Number of Posts
<a href="#">Chapter 1: Orientation to Pharmacology</a>	0
<a href="#">Chapter 4: Drug Administration Errors</a>	0
<a href="#">Chapter 5: Disease and Pharmacokinetics</a>	0
<a href="#">Class Project - Team 1</a>	0
<a href="#">Class Project - Team 2</a>	0
<a href="#">Class Project - Team 3</a>	0
<a href="#">Discussion: Disease and Pharmacokinetics</a>	0
<a href="#">Discussion: Drug Administration Errors</a>	1
<a href="#">Discussion: Drug-Food Interactions</a>	0
<a href="#">Discussion: Generic vs. Trade Names</a>	0
<a href="#">Discussion: Impact of OTC Drugs</a>	0
<a href="#">Discussion: The Five Rights</a>	0

The interface also includes a "Select Data" sidebar with various report types like Activity Logs, Attendance, Chat Sessions, Forum Posts, etc. At the bottom, there are options to "View" the report as a Chart, Table, or Drill-Down, along with buttons for "Send Report", "Export", and "Save".

**Can you describe ANGEL's offline capabilities?**

ANGEL supports multiple methods of working offline and synchronization. Users can download course content and email messages and synchronize calendar events with a PDA. Instructors can publish course content on a CD-ROM for use by students who do not have Internet access and that can be linked to dynamically from within the online course or viewed offline. Users can access ANGEL using Wireless Access Protocol. The course can also be downloaded as an IMS SCORM package.

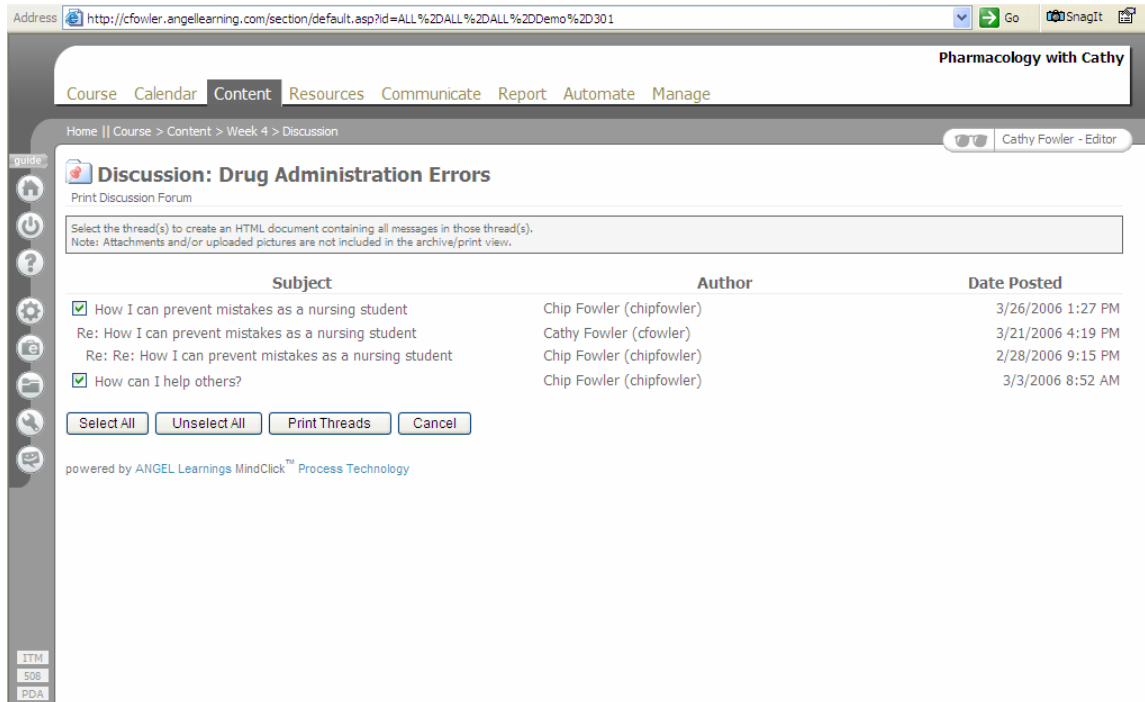
The **Upload File** functionality allows the instructor to upload files created offline in a variety of formats. At the foundational level, ANGEL is receptive to any file type and media. In addition to providing text and HTML editing capabilities within the system, ANGEL users often upload complex web sites (uploaded and expanded as a single archive file), Flash files, audio and video files, and Word, Excel and PowerPoint files. The only practical requirements are consideration for whether the

student will have access to the application needed to use the file and user bandwidth. An often-overlooked aspect of including external content is whether or not the relationship of the content to the course will stay intact between course terms and when shared. ANGEL uses relative links and a file storage system that ensures these relationships are maintained, thereby improving content sharing and reuse.

The **Download Submissions** utility allows an instructor to download drop box submissions en masse, grade offline and synch upon network connection. Teachers are able to annotate student submissions using Word features and the annotated submission file is returned to the student as a feedback file.

The screenshot displays the 'Homework: Medication Errors' page in the ANGEL LMS. The page header includes the title and a timestamp 'created 9/5/2006 2:30:37 PM' with a 'refresh grade form' link. The main content area is divided into two sections: 'Submissions' and 'Grade Form'. The 'Submissions' section lists two entries: 'Cathy Fowler (cfowler)' submitted on 9/5/2006 at 2:26:55 PM with the note 'This is my submission', and 'Chip Fowler (chipfowler)' submitted on 4/7/2006 at 10:34:36 AM with the note 'chips homework'. The 'Grade Form' section shows a 'Maximum Points: 100' and two rows for grading. The first row is for Cathy Fowler, with a 'Grade' field set to 100 and a 'Feedback' field with a 'Browse...' button. The second row is for Chip Fowler, with a 'Grade' field set to 100 and a 'Feedback' field with a 'Browse...' button. Below the grade form is a checkbox for 'Send mail messages to users' and a 'Submit' button. A Windows file explorer overlay is visible at the bottom, showing a folder named 'Dropbox 9-5-2006[1]' containing two files: '\_about.htm' (HTML Document, 1 KB) and 'America\_s\_Control2.doc' (Microsoft Word Document, 30 KB). The file explorer also shows 'File and Folder Tasks' (Make a new folder, Publish this folder to the Web, Share this folder) and 'Other Places' (Dropbox 9-5-2006[1]).

The **Print Discussion Forum** utility allows you to print or archive a single post, a group of posts or an entire thread in an HTML formatted document for review offline.



Address: <http://cfowler.angellearning.com/section/default.asp?id=ALL%2DALL%2DALL%2DDemo%2D301>

Pharmacology with Cathy

Course Calendar **Content** Resources Communicate Report Automate Manage

Home || Course > Content > Week 4 > Discussion

Cathy Fowler - Editor

### Discussion: Drug Administration Errors

Print Discussion Forum

Select the thread(s) to create an HTML document containing all messages in those thread(s).  
Note: Attachments and/or uploaded pictures are not included in the archive/print view.

	Subject	Author	Date Posted
<input checked="" type="checkbox"/>	How I can prevent mistakes as a nursing student	Chip Fowler (chipfowler)	3/26/2006 1:27 PM
	Re: How I can prevent mistakes as a nursing student	Cathy Fowler (cfowler)	3/21/2006 4:19 PM
	Re: Re: How I can prevent mistakes as a nursing student	Chip Fowler (chipfowler)	2/28/2006 9:15 PM
<input checked="" type="checkbox"/>	How can I help others?	Chip Fowler (chipfowler)	3/3/2006 8:52 AM

Select All Unselect All Print Threads Cancel

powered by ANGEL Learnings MindClick™ Process Technology

ITM  
508  
PDA

The **Subscribe** feature of allows users to subscribe to discussion forums for delivery via email allowing for offline review.

**Assessments** can be created offline and imported into ANGEL. Assessment can be imported via cut and paste after being created offline in a text file using the specified format or by using a third party tool such as Respondus.

The screenshot shows the ANGEL interface for creating a self-study quiz. The page title is "Pharmacology with Cathy". The navigation menu includes "Course", "Calendar", "Content", "Resources", "Communicate", "Report", "Automate", and "Manage". The current page is "Self-Study Quiz: Pharmacokinetics 2: Distribution". The interface includes a sidebar with navigation icons, a main content area with a text box for questions, and a "Default Settings" section with dropdown menus for "Choice" (Multiple Choice), "Open-ended" (Short Answer), and "Points" (1). There are "OK" and "Cancel" buttons. Below the settings, there are instructions and a list of optional settings like ANSWER, POINTS, IMAGE, FEEDBACK, TYPE, and ANSWERBOXES. The footer includes "© 2006 ANGEL Learning, Inc., All rights reserved." and device icons for ITM, SOB, and PDA.

**Application Programmer Interfaces (APIs)** enable administrators to extend and tailor ANGEL to incorporate capabilities specific to the institution that allow for additional options for offline work and synchronization.

### **Can the templates be locked? Can their use be forced?**

ANGEL content templates make creating pedagogically sound course content and learning objects easier and more efficient. Templates provided in ANGEL can be used as a starting point for content development, or an institution, group, or individual can develop preferred templates. Templates that use ANGEL's triggers and actions to release materials and send alerts allow every ANGEL user to take advantage of these advanced capabilities.

Modifying a template rather than recreating course content and learning objects provides time savings. Using templates ensures consistency in the look and feel of courses.

ANGEL ships with five system templates; institutions have the ability to create their own templates.

Templates can be locked from editing. Currently templates use can not be forced.

**Can you provide information about the Horizon Wimba integration?**

The initial integration of Horizon Wimba into the ANGEL LMS is the incorporation the Wimba Live Classroom. The integration is currently in Beta testing involving ANGEL/ Horizon Wimba co-clients. The integration will be in general release in the ANGEL 7.2 release slated for Spring 2007. Licensing of Wimba Live Classroom from Horizon Wimba will be required.