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Banner Flexible Registration String Resources Customization Guide

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Banner Flexible Registration 8.6

String Resources Customization Guide

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1 String Resource Customization Overview

This guide discusses customizing and managing the string resource file in the Banner® Flexible Registration module of the Banner Student System. It also identifies the user interface field and informational text that can be customized. This guide is technical in nature. Users should be familiar with the deployment of Banner Flexible Registration version 8.X.

The information in this guide does not apply to versions of Banner Flexible Registration prior to version 3.x for the Overview and String Resource Upgrade Customization Reference information. The information in this guide does not apply to versions of Banner Flexible Registration prior to version 3.2 for the String Resource Customization information.

The manner in which string resources are customized was improved with the 8.5.1 release. Therefore, the information in this guide for String Resource Management does not apply for versions of Banner Flexible Registration prior to 8.5.1.

Manage content

Content management systems enable users to easily modify the content (text and images) that is displayed on their Web applications. Banner Flexible Registration does not use content management in the traditional sense, as it is not a generic Web-based application. While it does use JavaServer Pages (JSP) technology, it does not have specific pages for each screen. The entire application resides in a single Shockwave (.swf) file. The .swf file is automatically downloaded to the user's browser when the application is accessed. This supersedes the need for a content management system. Instead, content management is handled through a properties file (`strings.properties`) which is local to the Banner Flexible Registration user interface.

This properties file contains a key/value pair list. The keys are used in the user interface code to retrieve the values they represent. These values are then displayed in the user interface. The properties file can be modified at your institution to display the customized values to be used.

Customize fields

A number of field labels displayed in the Banner Flexible Registration user interface can be customized. However, some field text cannot be customized. Use the customizable text in the `strings.properties` file to determine which fields can be modified. Text not included in the `strings.properties` file is dynamic and is generated by the application, and therefore cannot be modified.

Refer to [“String Resource Management” on page 4-1](#) for assistance in identifying customizable fields. Screen shots are provided, and fields are mapped to the corresponding keys in the `strings.properties` file. Field attribute information is also included. It is not recommended that users attempt to select fields from the `strings.properties` file without referencing this guide. Values are repeated in the file with different keys, and inaccuracies could result.

Once the fields to be customized have been identified, the values in the `strings.properties` file can be changed. The file follows a standard key equals (=) value correlation. Only the value shown to the right of the equals sign (=) should be changed. The key should not be changed, or the user interface will not load or display the required fields correctly.

Support for special characters is provided through the use of UTF-8 encoding of the `strings.properties` file. To ensure proper display of characters such as the Euro symbol, the `strings.properties` file must be encoded with UTF-8 encoding. The file can be encoded through the use of a text editor that supports UTF-8 encoding. One such editor is Notepad++, which is free to download. The encoding option of the file can be selected through the "Encoding" menu in some versions of Notepad++.

Refer to [“String Resource Management” on page 4-1](#) for assistance in modifying the `strings.properties` file. This chapter outlines the format of the file, describes how the file is used in the user interface, and explains how to make and implement changes to the file for your institution’s Banner Flexible Registration application.

String resource customization process steps

Refer to [“Change string property values” on page 4-4](#) and [“String Resource Management” on page 4-1](#) of this document for instructions on how to customize the string resource file.

2 String Resource Internationalization

Banner Flexible Registration allows a system administrator to localize the user interface to better meet the needs of users at your institution. Using the approach describe below, in conjunction with a third-party translation service, the user-facing text in the Adobe Flash application and web site container can be translated to a wide variety of languages.

Overview of internationalization implementation

Banner Flexible Registration supports localization to any Java supported locale. This feature enables you to produce a locale-specific *strings.properties* file without having to setup additional infrastructure or modify the Banner Flexible Registration source code.

A locale is a specific combination of a language and/or a country. Locales allow for regional variations within a specific language. For example, there are differences between the English used in the United States and Great Britain. To account for these differences, you can create separate *strings.properties* files for each regional variant that you wish to support. Banner Flexible Registration supports the ability to support any number of locales at the same time. This enables you to have a single URL that is used regardless of the desired language.

To create a locale specific *strings.properties* file, create a text file and name it as described in the section [“Locale based string resource files” on page 2-2](#). Each locale based *strings.properties* file will be deployed using the same approach described in [“String Resource Management” on page 4-1](#).

Once the locale based files are deployed, the application detects which file is to be returned and returns it to the user interface. To determine which locale to return, the application uses the settings the end user has set up in their Internet browser (e.g. Internet Explorer, Mozilla Firefox). With each page request that an Internet browser makes, it passes to the web application server the locale settings that have been set up by the end user. These settings or accept languages are used by the application to return the correct strings property file.

For more information on the flow and aggregation of how this works, see [“Locale aggregation model” on page 2-3](#).

For more information on how to set up your internet browser to request different languages, refer to the internet browsers documentation.

Once the property locale based string property file has been determined and returned to the end users internet browser, it is used by the application to display various strings in the appropriate language.

Banner Flexible Registration ships with a *default_strings.properties* file in its deployment directory that is used as a basis for the interface and is a United States based English format.

Locale based string resource files

Localized files are files that store language specific translations of string properties, as discussed in the above section. Each locale that is supported by your institution must have a locale based property file. Your institution can create any number of files as described below.

The following is the format of the filename for a localized property file in Banner Flexible Registration.

```
strings_<language code>[-<COUNTRY CODE>[_<Variant>]].properties
```

Currently, Banner Flexible Registration does not support the optional variant attribute.

The language code is required for all localized files. It follows the ISO-639 specification, which defines a two letter lower case code for all languages. The following are some examples of language codes:

- en = English
- es = Spanish
- fr = French
- de = German

The language codes are required to be a part of the filename for the string properties. For example, a property file that support French is named *strings_fr.properties*.

The country code is optional. It follows the ISO-3166 specification, utilizing the two letter uppercase code defined for all countries (in the specification). The following are some examples of country codes:

- DE = Germany
- FR = France
- MX = Mexico
- US = United States

If a country code is to be used in creating a locale, the code is required to be a part of the filename for the string properties. For example, a property file that supports United States English is named *strings_en-US.properties*.

For more examples of locale based file see the [“Naming convention of localized files” on page 4-3](#).

Locale aggregation model

Banner Flexible Registration supports an aggregation model for building and returning the appropriate locale base *strings.properties* files. This model supports the W3C locale standards and provides the most efficient and productive method for institutions to customize.

As mentioned, the product is shipped with a United States, English default *strings.properties* file. This file is located in the deployment directory and is called *default_strings.properties*.

When the application is asked to build a *strings.properties* file, the first action it takes is to build a *strings.properties* file that contains all of the default items. This becomes the baseline set of properties.

The next step is to look for any default *strings.properties* file that has been defined in the External Resource folder. The application specifically looks for `%resourceRoot%/_shared/locale/strings.properties`. If the file is found, the contents of that file will be merged with the default. If a property and value is defined in this new file, it overwrites the property and value defined in the *default_strings.properties*. If a property is not found, this new property value combination will be added.

The next step is to take the language specific locale *strings.properties* file, if one defined, and merge that with the base. For example, if the requestor is asking for *strings_en-US.properties*, the application first looks for and merge *strings_en.properties*. If the language file is not found, the processing is continued. If a language file is found, items will be merged.

The final step is to take any language and country specific *strings.properties* file and merge it in. Again, items are replaced or added.

The resulting final *strings.properties* file is then returned to the browser.

The following summarizes the flow described above, in the same order:

1. Default
2. External Resource strings

3. Language strings

4. Language/Country strings

When you are building a custom locale based *strings.properties* file using this model, you only need to include changes to properties that specifically need to be overwritten from the default. If there are any English based default values you still wish to use in the interface, you do not need to include them in your customization file. By leaving them out, you are essentially telling the application to use the default value that was shipped with the application.

3 String Resource Customization

This chapter discusses the user interface for Banner Flexible Registration and identifies the field and informational text that can be customized in the user interface. The text displayed in the user interface is defined in the `strings.properties` file. The file uses key/value pair mappings where the key equals the value (key = value) for each line in the file with the exception of the comments.

Screen shots are provided to show how the field and text information is displayed. The elements that can be modified are listed with the associated values that can be changed in the `strings.properties` file.

You must have access to the `strings.properties` file to customize the fields.

Note

Fields discussed in this chapter are customizable using the values in the `strings.properties` file. While other fields may also be customizable, if they are not defined in the `strings.properties` file, they are not included in this guide, with the exception of the title bar. ■

Banner Flexible Registration screens

Here are the screens that can be customized. Specific fields and text items are listed for each screen with the key/value information from the `strings.properties` file.

Title bar

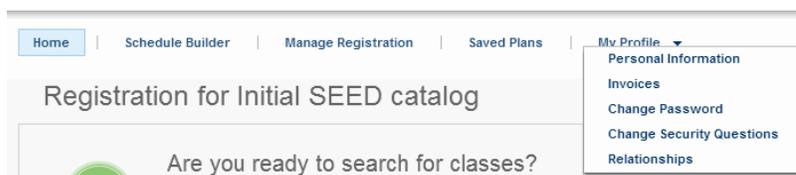
The title bar is used consistently throughout the application. Regardless of which screen is displayed in the user interface, the title bar is always shown. The “Ellucian University” text on the left of the bar is actually a separate image that can be changed. The “Sign in”, “Sign out”, and “Help” text on the right can also be changed.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
SignIn	flexreg.label.login
SignOut	flexreg.label.logout
Help	flexreg.label.help

Global navigation bar

The global navigation bar, like the title bar, is always visible regardless of the screen that is displayed. The image below shows the global navigation bar with the My Profile menu expanded.



The following text items are retrieved from the strings.properties file and can be modified.

Field/Text	Key (strings.properties)
Home	flexreg.label.home
Schedule Builder	flexreg.schedule.scheduleBuilder
Manage Registration	flexreg.label.manageRegistration
Saved Plans	flexreg.label.savedPlans
My Profile	flexreg.globalnav.profile.myProfile
Personal Information	flexreg.globalnav.profile.personalInformation
Invoices	flexreg.globalnav.profile.invoices
Change Password	flexreg.globalnav.profile.changePassword

Field/Text	Key (strings.properties)
Change Security Questions	flexreg.globalnav.profile. changeSecurityQuestions
Relationships	flexreg.globalnav.profile.relationship Management

Home screen

The Home screen is the default screen displayed when Banner Flexible Registration is loaded into the browser. It has two states, anonymous and authenticated. Text on the screen can be customized, except for the section labeled “Customizable Catalog Content Area”, located in the center of the screen. The content displayed in this section comes from a separate .html file. The content can be customized, but requires using a customized .html file or changing the default .html file. That information is not included in this guide.

Anonymous home screen

The Home screen is displayed in the anonymous state when the user is not authenticated.

The screenshot displays the Banner Flexible Registration home screen. At the top, the header includes the 'ellucian UNIVERSITY' logo and navigation links for 'Home', 'Schedule Builder', 'Manage Registration', 'Saved Plans', and 'My Profile'. On the right side of the header, there are links for 'Sign In' and 'Help'. The main content area is titled 'Registration for Initial SEED catalog'. It features a search bar with the text 'econ' entered, a 'Sign In' panel on the right, and a 'Customizable Catalog Content Area' section. The 'Sign In' panel includes fields for 'User name' and 'Password', a 'Forgot Password?' link, and a 'Sign In' button. The 'Customizable Catalog Content Area' section contains text about HTML content management and links for 'Configurable Content Location', 'Catalog Specific Content', and 'More Information'.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Registration for	<code>flexreg.label.registrationFor</code> Pertains only to “Registration for” text. Remaining text is name of catalog as defined through SFRACCTLG form.
Are you ready to search for classes?	<code>flexreg.label.areYourReadyToSerachForClasses</code> (This is the spelling of this key.)
Search	<code>flexreg.searchbar.label.search</code>
All terms	<code>flexreg.searchbar.allTerms</code>
for	<code>flexreg.searchbar.label.for</code>
Enter your search criteria here	<code>flexreg.searchbar.search.ghostText</code>
Advanced Search	<code>flexreg.searchbar.btn.advancedSearch</code>
Browse by Subject	<code>flexreg.browse.landingpage.title</code>
Sign in (heading text and button)	<code>flexreg.label.login</code>
Sign in to see your registration eligibility and manage your registration.	<code>flexreg.label.loginDescription</code>
* for User name and Password fields	<code>flexreg.label.required</code> Asterisk (*) used to indicate when field is required.
Username	<code>flexreg.label.username</code>
Password	<code>flexreg.label.password</code>
Forgot Password?	<code>flexreg.label.login.forgotPassword</code>
New to the University?	<code>flexreg.label.newLogin</code>
You will be able to create a login during check out.	<code>flexreg.label.newLoginDescription</code>
Banner Flexible Registration	<code>flexreg.application.footer</code>
Help	<code>flexreg.label.help</code>

Authenticated home screen

The Home screen is displayed in the authenticated state when the user is authenticated.

ellucian UNIVERSITY Rorry Altmann | Sign Out | Help

Home | Schedule Builder | Manage Registration | Saved Plans | My Profile

Registration for Initial SEED catalog

Are you ready to search for classes?

Search for

Browse [By Subject](#) [Advanced Search](#)

Customizable Catalog Content Area

Banner Flexible Registration includes a new feature that allows clients to create customizable HTML content that can be displayed on the home page of the application. This content can be easily managed outside of Flexible Registration and does not require any special deployment changes or restart of the application to become available.

Configurable Content Location

Content can be created and deployed directly onto the application server that is hosting the Flexible Registration application, or the application can be configured to simply look for content at a specific URL.

Catalog Specific Content

Each Flexible Registration catalog can have its own customized content displayed on the home page.

More Information

Consult the [Banner Flexible Registration Guide](#) for complete information how to use and configure custom content for display within the application.

Registration Time Ticket

Winter 2011/2012
You may register at any time.

Spring 2012
You may register at any time.

Summer 2012
You may register at any time.

Fall 2012
You may register at any time.

Winter 2012/2013
You may register at any time.

Spring 2013
You may register at any time.

Summer 2013
You may register at any time.

Holds

You have no Holds which will prevent registration.

Status

Winter 2011/2012
Your Student Status permits registration.
You do not require re-admission prior to registration.

The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the anonymous home screen.

Field/Text	Key (strings.properties)
Registration Time Ticket	<code>flexreg.label.registrationTimeTicket</code>
Holds	<code>flexreg.label.holds</code>
Status	<code>flexreg.searchbar.label.status</code>

Registration Hold Details dialog

If the user has registration holds, a link will display under the Holds section on the home screen. When that link is clicked, a Registration Hold Details screen is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Registration Hold Details	<code>flexreg.holds.title</code>
Below are the details about your holds.	<code>flexreg.holds.info</code>
Type	<code>flexreg.holds.grid.type</code>
From date	<code>flexreg.holds.grid.fromDate</code>
To date	<code>flexreg.holds.grid.toDate</code>
Amount	<code>flexreg.holds.grid.amount</code>
Reason	<code>flexreg.holds.grid.reason</code>
Originator	<code>flexreg.holds.grid.originator</code>
Close	<code>flexreg.label.close</code>

Forgot Password? dialog

The Forgot Password? dialog is displayed when a user has clicked on the **Forgot Password?** link on the Home screen or one of the Sign In screens.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Forgot Password?	<code>flexreg.label.forgotpassword.title</code>
Please enter your (user name). Click the Submit button to continue with the reset process.	<code>flexreg.label.forgotpassword.descr</code>
User name	<code>flexreg.label.forgotpassword.username</code>
Cancel	<code>flexreg.label.forgotpassword.cancel</code>
Submit	<code>flexreg.label.forgotpassword.submit</code>

Security Answer dialog

The Security Answer dialog is displayed as part of the Forgot Password process and appears after the user submits his/her username. Security questions are displayed one at a time in this dialog until the defined number of questions has been answered.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Security Answer	<code>flexreg.label.answerSecurityQuestion.title</code>
Please answer your security question(s).	<code>flexreg.label.answerSecurityQuestion.descr</code>
Question	<code>flexreg.label.answerSecurityQuestion.question</code>
Answer	<code>flexreg.label.answerSecurityQuestion.answer</code>
Cancel	<code>flexreg.label.forgotpassword.cancel</code>
Submit	<code>flexreg.label.forgotpassword.submit</code>
Authorization Failure - Incorrect answer. Please try again.	<code>flexreg.label.answerSecurityQuestion.error.incorrectAnswer</code>
Authorization Failure - Unable to process your security answer. Please contact your institution.	<code>flexreg.label.answerSecurityQuestion.error.generic</code>
Your Web access has been disabled. Please contact the Institution for information about your account.	<code>flexreg.label.answerSecurityQuestion.error.failedLoginExceeded</code>
Authorization Failure - Unable to process your security questions. Please contact your institution.	<code>flexreg.label.getSecurityQuestion.error.generic</code>
Authorization Failure - Security questions must first be provided before they can be answered. Please setup your security questions.	<code>flexreg.label.getSecurityQuestion.error.noQuestions</code>

Reset Password dialog

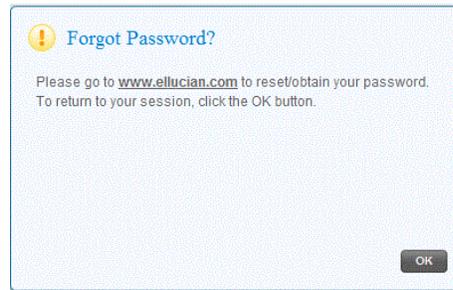
The Reset Password dialog is displayed when a user has entered the username in the Forgot Password? dialog and clicked the **Submit** button.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Reset Password	<code>flexreg.label.password.reset.title</code>
Your password has to be reset. Please change it now.	<code>flexreg.label.password.reset.descr</code>
New Password	<code>flexreg.label.password.reset.new</code>
Confirm Password	<code>flexreg.label.password.reset.confirm</code>
Cancel	<code>flexreg.label.forgotpassword.cancel</code>
Submit	<code>flexreg.label.forgotpassword.submit</code>
New PIN number verification error!	<code>flexreg.label.password.reset.validation.noMatch</code>
Both fields are required.	<code>flexreg.label.password.reset.validation.required</code>
Invalid password - password cannot contain only spaces.	<code>flexreg.label.password.reset.validation.allSpaces</code>
Your password has been successfully reset.	<code>flexreg.label.password.reset.success</code>
Internal Error - Unable to reset password. Please contact your institution.	<code>flexreg.label.password.reset.noResponseError</code>

Forgot Password? Security Questions Disabled dialog

The Forgot Password? Security Questions Disabled dialog is displayed when the user clicks on the Forgot Password? link and security questions are not enabled.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Forgot Password?	<code>flexreg.label.forgotpassword.title</code>
Please go to (http://www.ellucian.com) to reset/obtain your password. To return to your session, click the OK button.	<code>flexreg.label.enableBannerSecurityQuestions.description</code>

Browse by Subject link

The Browse By Subject option enables students to search for classes based on the subject name of the class.

Click the Browse by Subject link on the Home screen and all the subjects are listed under Browse Subjects on the left pane.

Browse By Subject

Select the subject title below to view all available courses.

Browse Subjects	Browse Results (28 classes found.)																																																																																					
<ul style="list-style-type: none"> Blueprint reading CNC Tech Economics English Lean Six Sigma Mathematics Open Learning:Registration Political Science Scuba Diving Spanish Transcriptions 	<div style="text-align: right;">Sort...</div> <table border="1"> <tr> <td colspan="4">ECON 3001 4 - Economics 201221 10016</td> <td></td> </tr> <tr> <td>CRN: 10016</td> <td>Term: Winter 2011/2012</td> <td>Campus: Main</td> <td>Fees: \$135.00</td> <td>Details</td> </tr> <tr> <td>Instructor: Maddux, Ward</td> <td>Type: Lecture</td> <td>Seats: 200</td> <td></td> <td>Add</td> </tr> <tr> <td>Dec 16, 2011 - Mar 15, 2012</td> <td>M/W/F</td> <td>2:00 PM-2:50 PM</td> <td>Auditorium Room: 32</td> <td></td> </tr> <tr> <td colspan="4">ECON 3001 1 - Economics 201231 10013</td> <td></td> </tr> <tr> <td>CRN: 10013</td> <td>Term: Spring 2012</td> <td>Campus: Main</td> <td>Fees: \$140.00</td> <td>Details</td> </tr> <tr> <td>Instructor: Adams, Eugene</td> <td>Type: Lecture</td> <td>Seats: 200</td> <td></td> <td>Add</td> </tr> <tr> <td>Mar 16, 2012 - Jun 15, 2012</td> <td>M/W/F</td> <td>3:00 PM-3:50 PM</td> <td>Biology Building Room: 36</td> <td></td> </tr> <tr> <td colspan="4">ECON 3001 2 - Economics 201231 10014</td> <td></td> </tr> <tr> <td>CRN: 10014</td> <td>Term: Spring 2012</td> <td>Campus: Main</td> <td>Fees: \$140.00</td> <td>Details</td> </tr> <tr> <td>Instructor: Zest, Zelda</td> <td>Type: Lecture</td> <td>Seats: 200</td> <td></td> <td>Add</td> </tr> <tr> <td>Mar 16, 2012 - Jun 15, 2012</td> <td>M/W/F</td> <td>4:00 PM-4:50 PM</td> <td>Brownell Hall Room: 40</td> <td></td> </tr> <tr> <td colspan="4">ECON 3001 3 - Economics 201231 10015</td> <td></td> </tr> <tr> <td>CRN: 10015</td> <td>Term: Spring 2012</td> <td>Campus: Main</td> <td>Fees: \$140.00</td> <td>Details</td> </tr> <tr> <td>Instructor: Dove, Darlene</td> <td>Type: Lecture</td> <td>Seats: 200</td> <td></td> <td>Add</td> </tr> <tr> <td>Mar 16, 2012 - Jun 15, 2012</td> <td>T/Th</td> <td>8:00 AM-9:30 AM</td> <td>Computer Math Bldg Room: 44</td> <td></td> </tr> <tr> <td colspan="4">ECON 3001 4 - Economics 201231 10016</td> <td></td> </tr> </table> <div style="text-align: right;">View and Continue Registration</div>	ECON 3001 4 - Economics 201221 10016					CRN: 10016	Term: Winter 2011/2012	Campus: Main	Fees: \$135.00	Details	Instructor: Maddux, Ward	Type: Lecture	Seats: 200		Add	Dec 16, 2011 - Mar 15, 2012	M/W/F	2:00 PM-2:50 PM	Auditorium Room: 32		ECON 3001 1 - Economics 201231 10013					CRN: 10013	Term: Spring 2012	Campus: Main	Fees: \$140.00	Details	Instructor: Adams, Eugene	Type: Lecture	Seats: 200		Add	Mar 16, 2012 - Jun 15, 2012	M/W/F	3:00 PM-3:50 PM	Biology Building Room: 36		ECON 3001 2 - Economics 201231 10014					CRN: 10014	Term: Spring 2012	Campus: Main	Fees: \$140.00	Details	Instructor: Zest, Zelda	Type: Lecture	Seats: 200		Add	Mar 16, 2012 - Jun 15, 2012	M/W/F	4:00 PM-4:50 PM	Brownell Hall Room: 40		ECON 3001 3 - Economics 201231 10015					CRN: 10015	Term: Spring 2012	Campus: Main	Fees: \$140.00	Details	Instructor: Dove, Darlene	Type: Lecture	Seats: 200		Add	Mar 16, 2012 - Jun 15, 2012	T/Th	8:00 AM-9:30 AM	Computer Math Bldg Room: 44		ECON 3001 4 - Economics 201231 10016				
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ECON 3001 4 - Economics 201231 10016																																																																																						

The following text items are retrieved from the strings.properties file and can be modified.

Field/Text	Key (strings.properties)
Browse By Subject	flexreg.browse.landingpage.title
Browse By Subject	flexreg.browse.pageTitle
Select the subject title below to view all available courses.	flexreg.browse.pageDescription
Browse Subjects	flexreg.browse.topics.title
	flexreg.browse.topics.title.hint
{0} found.)	flexreg.browse.topics.found
(Found {0} subject.)	flexreg.browse.topics.foundOne
(Over {0} subjects found.)	flexreg.browse.topics.exceed.found
Browse Results	flexreg.browse.results.title
{0} classes found.)	flexreg.browse.results.found

Field/Text	Key (strings.properties)
(Found {0} class.)	flexreg.browse.results.foundOne
(Over {0} classes found.)	flexreg.browse.results.exceed.found
View and Continue Registration	flexreg.browse.results.extended.btn.continue
Loading Browse Results, please wait...	flexreg.browse.results.loading
More classes exist which were not displayed. Use search to further refine the results.	flexreg.browse.results.exceedLimitHelpMessage

Compact Search screen

The Compact Search screen also displays the schedule builder which is covered later in this chapter.

The screenshot displays the Banner Flexible Registration 8.6 Compact Search screen. At the top, there is a navigation bar with 'ellucian UNIVERSITY' and 'Sign In | Help'. Below this is a menu with 'Home', 'Schedule Builder', 'Manage Registration', 'Saved Plans', and 'My Profile'. A search bar is present with 'All terms' selected and 'econ' entered. To the right of the search bar are links for 'Advanced Search' and 'Browse By Subject', and a 'Banner Self-Service' link.

The main content area is titled 'Schedule Builder' and includes a sub-header: 'To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.' Below this is a 'Search Results (Found 28 classes.)' section with a 'Sort...' dropdown and a 'Detailed View' link. The search results list includes four economics classes:

- ECON 3001 1 - Economics 201221 10013**: Main, Seats: 196, 12/16/11-03/15/12, MWWF 11:00 AM-11:50 AM, Anderson Hall Offices, Room: 20, Fees: \$135.00
- ECON 3001 2 - Economics 201221 10014**: Main, Seats: 200, 12/16/11-03/15/12, MWWF 12:00 PM-12:50 PM, Alpha Kappa Omega, Room: 24, Fees: \$135.00
- ECON 3001 3 - Economics 201221 10015**: Main, Seats: 200, 12/16/11-03/15/12, MWWF 1:00 PM-1:50 PM, Athletic Fields, Room: 28, Fees: \$135.00
- ECON 3001 4 - Economics 201221 10016**: (Details partially obscured)

To the right of the search results is a 'Schedule' section with a 'List View' link. It features a grid with columns for days of the week (Sunday through Saturday) and rows for times (10:00 AM to 4:00 PM). The grid shows some classes already added to the schedule, such as 'Economics 201221 10013' on Monday, Tuesday, and Friday at 11:00 AM. There are 'Current' and 'Registered' checkboxes at the top of the schedule grid, and 'Start Over', 'Save', and 'Register' buttons at the bottom.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
(Course name) (Term) (Course number) has been successfully added to the schedule builder. Example: Scuba Diving 201111 10219 has been successfully added to the schedule builder.	flexreg.schedule.add.success The message renderer can display different messages on this screen. Keys from the properties file for other messages displayed here include: <ul style="list-style-type: none"> flexreg.schedule.planRegDups flexreg.schedule.planDup flexreg.schedule.planRegDup
Banner Self-Service	flexreg.label.externalLink
Search Results	flexreg.searchresults.title
(Over XX classes found.) Example: (Over 50 classes found.)	flexreg.searchresults.exceed.found
Schedule Builder	flexreg.schedule.scheduleBuilder
List View	flexreg.label.weeklyView
More classes exist which were not displayed. Refine your search criteria and execute a new search.	flexreg.searchresults.exceedLimitHelpMessage
Current	flexreg.label.current
Registered	flexreg.label.registered
Sort	flexreg.searchresults.sort.sort
Detailed View	flexreg.searchresults.compact.btn.detailedView
Campus	flexreg.searchresults.sort.campus
Course Number	flexreg.searchresults.sort.courseNumber
Title	flexreg.searchresults.sort.title
Seats Subject	flexreg.searchresults.sort.seats
(Subject) (Course Number) (Section) Example: SCUB 3002 1	flexreg.searchresults.sort.subject

Field/Text	Key (strings.properties)
(Days of the week class meets) Example: T/Th	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.earchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
Seats	<code>flexreg.searchresults.compact.seats</code>
Room	<code>flexreg.searchresults.compact.room</code>
Fees	<code>flexreg.searchresults.compact.fees</code>
Start Over	<code>flexreg.label.startOver</code>
Save	<code>flexreg.label.save</code>
Register	<code>flexreg.label.register</code>

Detailed Search screen

The Detailed Search screen is used to search on and display details for classes and sections.

Schedule Builder

To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.

Search Results (Found 28 classes.)

Sort... Compact view

ECON 3001 1 - Economics 201221 10013	CRN: 10013	Term: Winter 2011/2012	Campus: Main	Fees: \$135.00	Details
Instructor: Eubanks, William	Type: Lecture	Seats: 196			Add
Dec 16, 2011 - Mar 15, 2012	M/W/F	11:00 AM-11:50 AM	Anderson Hall Offices Room: 20		
ECON 3001 2 - Economics 201221 10014	CRN: 10014	Term: Winter 2011/2012	Campus: Main	Fees: \$135.00	Details
Instructor: Adams, Andrew	Type: Lecture	Seats: 200			Add
Dec 16, 2011 - Mar 15, 2012	M/W/F	12:00 PM-12:50 PM	Alpha Kappa Omega Room: 24		
ECON 3001 3 - Economics 201221 10015	CRN: 10015	Term: Winter 2011/2012	Campus: Main	Fees: \$135.00	Details
Instructor: Clark, Candace	Type: Lecture	Seats: 200			Add
Dec 16, 2011 - Mar 15, 2012	M/W/F	1:00 PM-1:50 PM	Athletic Fields Room: 28		
ECON 3001 4 - Economics 201221 10016	CRN: 10016	Term: Winter 2011/2012	Campus: Main	Fees: \$135.00	Details
Instructor: Maddux, Ward	Type: Lecture	Seats: 200			Add
Dec 16, 2011 - Mar 15, 2012	M/W/F	2:00 PM-2:50 PM	Auditorium Room: 32		
ECON 3001 1 - Economics 201221 10013					

View and Continue Registration

The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Compact Search screen. The contents of the sort combination box are listed in a separate table.

Field/Text	Key (strings.properties)
Sort...	See the table that follows this table for the contents (keys and values) of the sort combination box.
Compact view	<code>flexreg.searchresults.extended.btn.compact</code>
More classes exist which were not displayed. Refine your search criteria and execute a new search.	<code>flexreg.searchresults.extended.header.details</code>
Campus	<code>flexreg.sectionlist.item.campus</code>
Instructor	<code>flexreg.sectionlist.item.instructor</code>
Seats	<code>flexreg.sectionlist.item.seats</code>
Fees	<code>flexreg.sectionlist.item.fees</code>
CRN	<code>flexreg.sectionlist.item.CRN</code>
Term	<code>flexreg.sectionlist.item.term</code>

Field/Text	Key (strings.properties)
Waitlist	<code>flexreg.sectionlist.item.waitlist</code>
Meet dates	<code>flexreg.searchresults.extended.regDates</code> The text for “Meet Dates” can be customized. The date values cannot be customized.
Meet times	<code>flexreg.searchresults.extended.regTimes</code> The text for “Meet Times” can be customized. The time values cannot be customized.
Delimiter in title () Example: SCUB 3002 1 Scuba Diving 201111 10145	<code>flexreg.label.section.displayWithTitle</code> Refers to the delimiter () character. The rest of the text is generated by the application.
Details	<code>flexreg.sectionlist.item.btn.details</code>
Add	<code>flexreg.sectionlist.item.btn.add</code>
View and Continue Registration	<code>flexreg.searchresults.extended.btn.continue</code>

Here are the keys and values for the Detailed Search Sort Combination box.

Key (strings.properties)	Value (strings.properties)
<code>flexreg.searchresults.sort.sort</code>	Sort...
<code>flexreg.searchresults.sort.courseNumber</code>	Course Number
<code>flexreg.searchresults.sort.crn</code>	CRN
<code>flexreg.searchresults.sort.startDate</code>	Start date
<code>flexreg.searchresults.sort.subject</code>	Subject
<code>flexreg.searchresults.sort.term</code>	Term
<code>flexreg.searchresults.sort.title</code>	Title

Advanced Search dialog

The Advanced Search dialog is used to search on class details using pulldown lists of values.



The following text items are retrieved from the `strings.properties` file and can be modified. The contents of the Advanced Search Combination Criteria are listed in a separate table.

Field/Text	Key (<code>strings.properties</code>)
Advanced Search	<code>advsearch.windowHeader</code>
- Show all -	<code>flexreg.advsearch.combobox.default</code> This is the default value of “- Show all -” in each of the combination boxes on the right side of the advanced search dialog. The other values in those combination boxes come from the application based on the advanced search criteria value selected from the corresponding left side combination box (Subject, Schedule type, Campus, Select attribute).
Close	<code>flexreg.advsearch.btn.close</code>
Clear	<code>flexreg.advsearch.btn.clear</code>
Go	<code>flexreg.advsearch.btn.go</code>

Here are the keys and values for the Advanced Search Combination boxes on the left side of the Advanced Search dialog.

Key (<code>strings.properties</code>)	Value (<code>strings.properties</code>)
<code>flexreg.advsearch.selectAttribute</code>	Select attribute
<code>flexreg.advsearch.campus</code>	Campus
<code>flexreg.advsearch.classStartDate</code>	Class start date
<code>flexreg.advsearch.classTime</code>	Class times

Key (strings.properties)	Value (strings.properties)
flexreg.advsearch.sectionAttribute	Course attribute
flexreg.advsearch.courseLevel	Course level
flexreg.advsearch.courseNumber	Course number
flexreg.advsearch.creditHours	Credit hours
flexreg.advsearch.description	Description
flexreg.advsearch.instructionalMethod	Instructional method
flexreg.advsearch.instructor	Instructor (Last Name)
flexreg.advsearch.meetingDays	Meeting days
flexreg.advsearch.scheduleType	Schedule type
flexreg.advsearch.seatsAvailable	Only show sections with seats available?
flexreg.advsearch.subject	Subject
flexreg.advsearch.term	Term
flexreg.advsearch.title	Title
flexreg.advsearch.crn	CRN

Here are the keys and values for the Advanced Search Combination boxes where multiple values can exist.

Advanced Search Criteria	Key (strings.properties) Criteria Value	Value (strings.properties) Criteria Value
Class Start Date	flexreg.advsearch.classStartDate.startsAfter	Starts after
	flexreg.advsearch.classStartDate.startsBefore	Starts before
	flexreg.advsearch.classStartDate.startsBetween	Starts between
	flexreg.advsearch.classStartDate.after	After
	flexreg.advsearch.classStartDate.before	Before
Class Times	flexreg.advsearch.classTime.startsBefore	Class starts before
	flexreg.advsearch.classTime.startsAfter	Class starts after
	flexreg.advsearch.classTime.endsBefore	Class ends before
Meeting Days	flexreg.advsearch.days.U	Sunday
	flexreg.advsearch.days.M	Monday
	flexreg.advsearch.days.T	Tuesday
	flexreg.advsearch.days.W	Wednesday
	flexreg.advsearch.days.R	Thursday
	flexreg.advsearch.days.F	Friday
	flexreg.advsearch.days.S	Saturday
Only show sections with seats available?	flexreg.advsearch.seatsAvailable.Y	Show only sections with seats available
	flexreg.advsearch.seatsAvailable.N	Show all sections

Section Details dialog

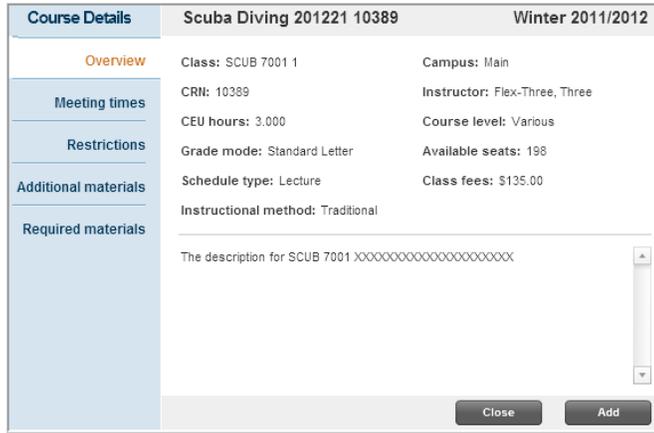
The Section Details dialog contains the following views:

- Section Details dialog Overview

- Section Details dialog Meeting Times
- Section Details dialog Restrictions
- Section Details dialog Additional Materials

Section Details dialog Overview

The Section Details dialog Overview is used to view the details for a specific course section.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Course Details	<code>flexreg.sectiondetails.title</code>
Overview	<code>flexreg.sectiondetails.module.overview</code>
Meeting times	<code>flexreg.sectiondetails.module.meeting</code>
Restrictions	<code>flexreg.sectiondetails.module.restrictions</code>
Additional materials	<code>flexreg.sectiondetails.module.materials</code>
Required Materials	<code>flexreg.finalinvoice.invoice.requiredMaterials</code>
Class	<code>flexreg.sectiondetails.overview.class</code>
CRN	<code>flexreg.label.CRN</code>
Colon (:) for label	<code>flexreg.label.colon</code>

This is a separate key for the colon (:).

Field/Text	Key (strings.properties)
CEU hours	flexreg.overview.ceuHours
Grade mode	flexreg.overview.gradeMode
Schedule type	flexreg.sectiondetails.overview.scheduleType
Instructional method	flexreg.sectiondetails.overview.instructionalMethod
Campus	flexreg.sectiondetails.overview.campus
Instructor	flexreg.sectiondetails.overview.instructor
Course level	flexreg.sectiondetails.overview.gradeLevel
Various	flexreg.label.various
Available seats	flexreg.sectiondetails.overview.seats
Class fees	flexreg.sectiondetails.overview.fees
Close	flexreg.sectiondetails.footer.btn.cancel
Add	flexreg.sectiondetails.footer.btn.add

Section Details dialog Meeting Times

The Section Details dialog Meeting Times is used to view meeting details for the course section.

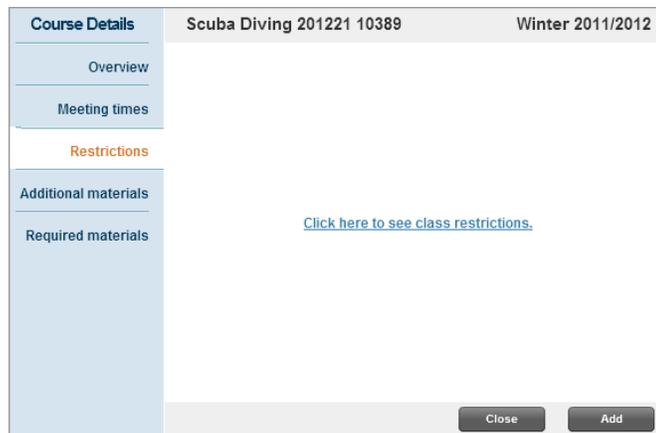


The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Section Details dialog Overview.

Field/Text	Key (strings.properties)
Dates	<code>flexreg.sectiondetails.meeting.trad.dates</code>
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
Campus	<code>flexreg.sectiondetails.meeting.campus</code>

Section Details dialog Restrictions

The Section Details dialog Restrictions is used to any restrictions for the course section.



The following text item is retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Section Details dialog Overview.

Field/Text	Key (strings.properties)
Click here to see class restrictions	<code>flexreg.sectiondetails.restrictions.btn.view</code>

Section Details dialog Additional Materials

The Section Details dialog Additional Materials is used to view materials needed for the course section.

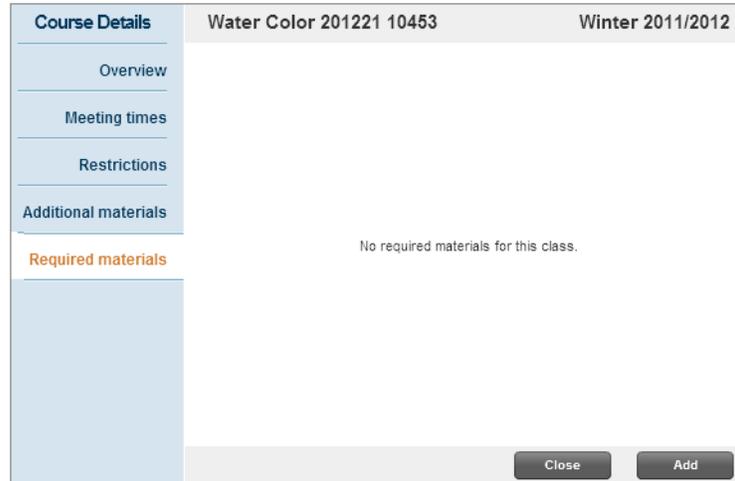


The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Section Details dialog Overview.

Field/Text	Key (<code>strings.properties</code>)
These additional materials are available for this class.	<code>flexreg.sectiondetails.materials.details</code>
No additional materials are available for this class.	<code>flexreg.sectiondetails.materials.none</code>

Section Details dialog Required Materials

The Section Details dialog Required Materials is used to view the required materials needed for the course section.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
No required materials for this class	<code>flexreg.sectiondetails.required.materials.none</code>

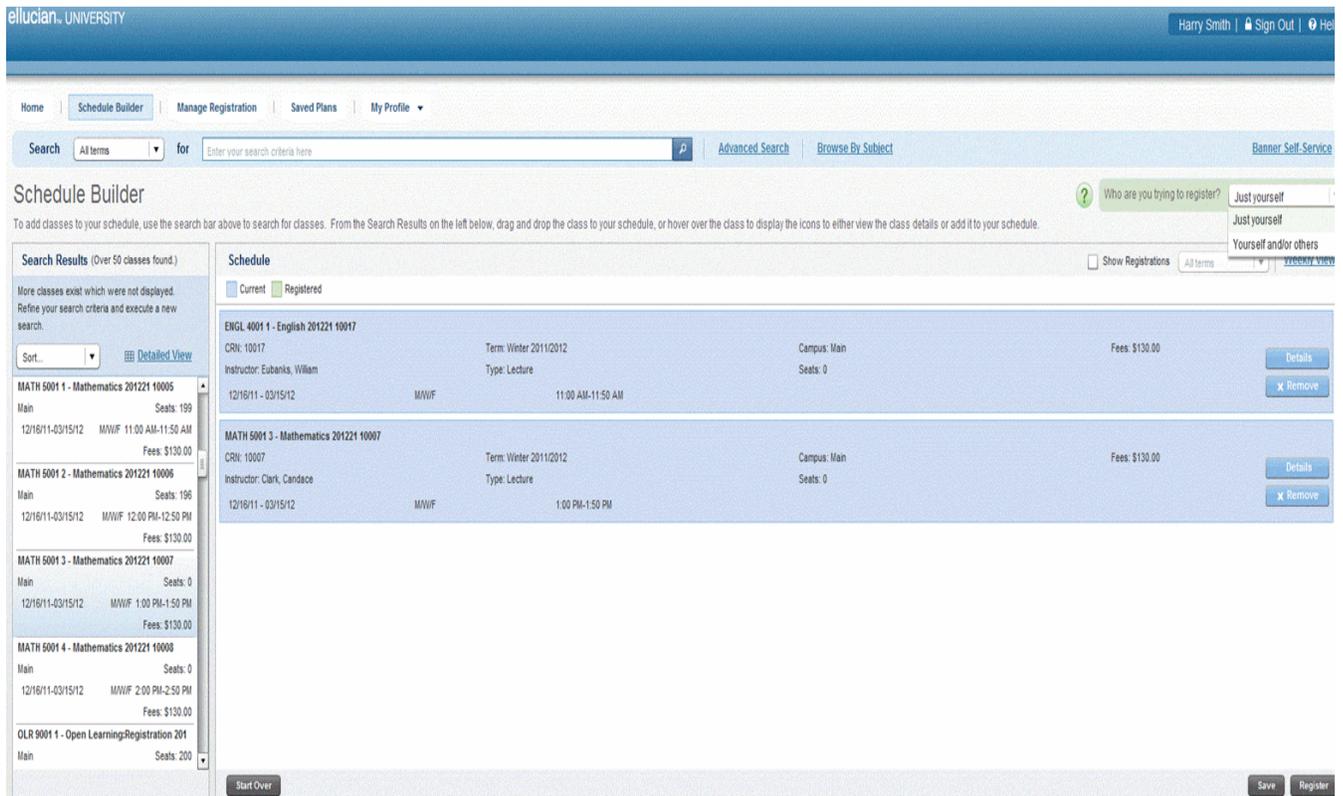
Schedule Builder screen

The schedule builder screen contains the following views:

- List View
- Weekly View

Schedule Builder List View screen

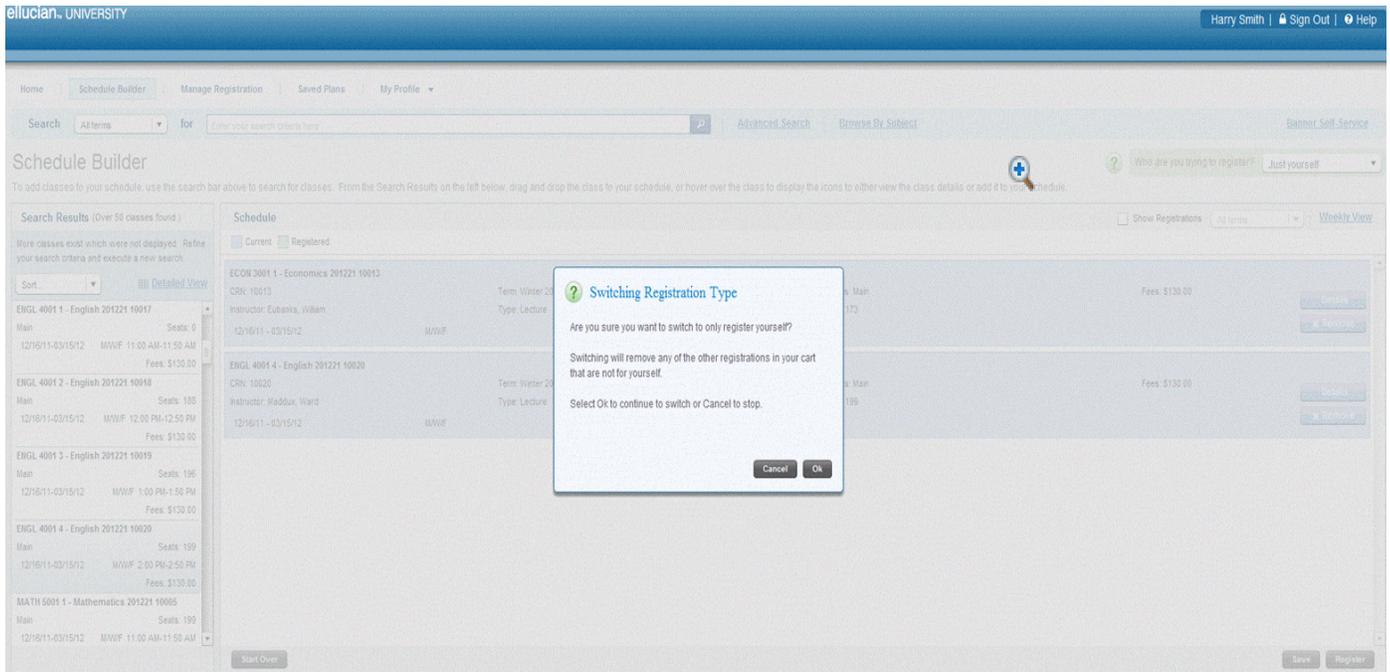
The Schedule Builder List View screen is used to list the sections available for registration.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Schedule Builder	<code>flexreg.schedule.scheduleBuilder</code>
Description	<code>flexreg.schedule.page</code>
To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.	<code>flexreg.schedule.pageDescription</code>
Who are you trying to register?	<code>flexreg.schedule.groupprogression.prompt.label</code>

Field/Text	Key (strings.properties)
Just yourself	<code>flexreg.schedule.groupregistration.prompt.individual</code>
Yourself and/or others	<code>flexreg.schedule.groupregistration.prompt.group</code>
Choose the type of registration	<code>flexreg.schedule.groupregistration.prompt.acc.name</code>
Weekly View	<code>flexreg.label.weeklyView</code> When the list view is displayed, this key will be <code>flexreg.label.weeklyView</code> . However, when the weekly view is displayed, this key will be <code>flexreg.label.listView</code> .
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
Details	<code>flexreg.schedule.list.renderer.btn.details</code>
Remove	<code>flexreg.schedule.list.renderer.btn.remove</code>
Campus	<code>flexreg.sectionlist.item.campus</code>
Instructor	<code>flexreg.sectionlist.item.instructor</code>
Seats	<code>flexreg.sectionlist.item.seats</code>
Fees	<code>flexreg.sectionlist.item.fees</code>
CRN	<code>flexreg.sectionlist.item.crn</code>
Term	<code>flexreg.sectionlist.item.term</code>
Waitlist	<code>flexreg.sectionlist.item.waitlist</code>



The following text item is retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Switching Registration Type	<code>flexreg.schedule.grouppregistration.prompt.confirm.title</code>
Are you sure you want to switch to only register yourself? Switching will remove any of the other registrations in your cart that are not for yourself. Select Ok to continue to switch or Cancel to stop.	<code>flexreg.schedule.grouppregistration.prompt.confirm.message</code>
Ok	<code>flexreg.schedule.grouppregistration.prompt.confirm.ok</code>
Cancel	<code>flexreg.schedule.grouppregistration.prompt.confirm.cancel</code>

Schedule Builder Weekly View screen

The Weekly View of the Schedule Builder does not contain customizable text fields, but the order of the days of the week and the specific days of the week that are displayed in calendar format can be changed.

The order of the days of the week can be changed by modifying the value of the `flexreg.schedule.days` property. The default value is “UMTWRFS”, where each character represents a day of the week. For example, U = Sunday, M = Monday, T = Tuesday, W = Wednesday, R = Thursday, F = Friday, and S = Saturday. In the sample screen shot, the order has been changed to “MTWRFSU”, so that Monday is the first day of the week and Sunday is the last.

The specific days of the week that are displayed can be changed by modifying the value from “UMTWRFS” to a value such as “MWF” to only display columns for Monday, Wednesday, and Friday.

When specific days of the week are displayed but not the entire set of days of the week, the Schedule Builder will only display classes for the days of the week that are shown. Classes that meet on days of the week not shown in the Weekly View can still be added from the search results. These classes can only be seen in the List View.

The screenshot displays the Banner Flexible Registration 8.6 interface. At the top, the 'ellucian UNIVERSITY' logo is on the left, and 'Sign In' and 'Help' links are on the right. Below this is a navigation bar with 'Home', 'Schedule Builder', 'Manage Registration', 'Saved Plans', and 'My Profile'. A search bar is located below the navigation bar, with a dropdown menu set to 'All terms' and a search input field. The main content area is titled 'Schedule Builder' and includes a sub-header: 'To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.' The interface is divided into two main sections: 'Search Results' on the left and 'Schedule' on the right. The 'Schedule' section features a grid with columns for days of the week (Sunday through Saturday) and rows for time slots (8:00 AM to 2:00 PM). A legend indicates 'Current' (blue) and 'Registered' (green) status. At the bottom of the grid are 'Start Over', 'Save', and 'Register' buttons.

The following text item is retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Days of the week - Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday	<code>flexreg.schedule.days</code> Default value is "UMTWRFS".

Schedule Builder Conflict screen

The Schedule Builder Conflict screen is displayed when a scheduling conflict exists between classes on the schedule builder. The classes with the conflict are displayed in red.

The screenshot shows the Banner Schedule Builder interface. On the left, there is a 'Search Results' panel with a list of classes. The main area is a 'Schedule' grid with columns for days of the week (Sunday to Saturday) and rows for time slots (10:00 AM to 6:00 PM). Two classes are shown with conflicts: ENGL 4001 1 - English 201221 10017 and ENGL 4001 2 - English 201221 10018. The conflict is indicated by a red background and the text 'Conflict (2)' in the grid cells.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Conflict	<code>flexreg.schedule.timeConflict</code> Text is displayed with red background in this example.

Schedule Builder Conflict dialog

The Schedule Builder Conflict dialog is displayed when the user selects a class with a conflict from the Schedule Builder Conflict screen. It shows the conflict detail.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Schedule Notes	<code>flexreg.schedule.scheduleNotes</code>
Conflict	<code>flexreg.schedule.timeConflict</code>
(Description of conflict displayed under the heading and above the courses)	<code>flexreg.schedule.timeConflict.description</code>

Example: These courses meet at the same time on the same day and date.

Schedule Builder Coincide screen

The Schedule Builder Coincide screen is displayed when a scheduling coincidence exists between classes on the schedule builder. The classes with the coincidence are displayed in blue.

The Schedule Builder Coincide happens in case of Group Registration. For individual registration, they are displayed as Conflicts.

elucian. UNIVERSITY Sign In | Help

Home | **Schedule Builder** | Manage Registration | My Profile

Search All terms for Advanced Search Browse By Subject Banner Self-Service

Schedule Builder ? Who are you trying to register? Yourself and/or others

To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.

Search Results (Over 50 classes found)

More classes exist which were not displayed. Refine your search criteria and execute a new search.

Sort: ▼ [Detailed View](#)

ECON 3001 2 - Economics 201221 10014
Main Seats: 194
12/16/11-03/15/12 MWTF 12:00 PM-12:50 PM
Fees: \$130.00

ECON 3001 3 - Economics 201221 10015
Main Seats: 199
12/16/11-03/15/12 MWTF 1:00 PM-1:50 PM
Fees: \$130.00

ECON 3001 4 - Economics 201221 10016
Main Seats: 191
12/16/11-03/15/12 MWTF 2:00 PM-2:50 PM
Fees: \$130.00

ENGL 4001 1 - English 201221 10017
Main Seats: 0
12/16/11-03/15/12 MWTF 11:00 AM-11:50 AM
Fees: \$130.00

ENGL 4001 2 - English 201221 10018
Main Seats: 188

Schedule [List View](#)

Current Registered

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10:00 AM							
11:00 AM		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>	
12:00 PM		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>	
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							

Start Over Register

elucian. UNIVERSITY Harry Smith | Sign Out | Help

Home | **Schedule Builder** | Manage Registration | Saved Plans | My Profile

Search All terms for Advanced Search Browse By Subject Banner Self-Service

Schedule Builder ? Who are you trying to register? Yourself and/or others

To add classes to your schedule, use the search bar above to search for classes. From the Search Results on the left below, drag and drop the class to your schedule, or hover over the class to display the icons to either view the class details or add it to your schedule.

Search Results (Over 50 classes found)

More classes exist which were not displayed. Refine your search criteria and execute a new search.

Sort: ▼ [Detailed View](#)

ENGL 4001 1 - English 201221 10017
Main Seats: 0
12/16/11-03/15/12 MWTF 11:00 AM-11:50 AM
Fees: \$130.00

ENGL 4001 2 - English 201221 10018
Main Seats: 188
12/16/11-03/15/12 MWTF 12:00 PM-12:50 PM
Fees: \$130.00

ENGL 4001 3 - English 201221 10019
Main Seats: 196
12/16/11-03/15/12 MWTF 1:00 PM-1:50 PM
Fees: \$130.00

ENGL 4001 4 - English 201221 10020
Main Seats: 199
12/16/11-03/15/12 MWTF 2:00 PM-2:50 PM
Fees: \$130.00

MATH 5001 1 - Mathematics 201221 10005
Main Seats: 199
12/16/11-03/15/12 MWTF 11:00 AM-11:50 AM

Schedule [List View](#)

Current Registered

Show Registrations all terms ▼

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10:00 AM							
11:00 AM		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>	
12:00 PM		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>		<div style="background-color: #e0e0e0; width: 100%; height: 15px;"></div>	
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
5:00 PM							

Schedule Notes

Coincide

These courses meet at the same time on the same day and date.

ECON 3001-1	Economics 201221 10013	Remove	Details
MATH 5001-1	Mathematics 201221 10005	Remove	Details

[Close](#)

Start Over Save Register

The following text items are retrieved from the strings.properties file and can be modified.

Field/Text	Key (strings.properties)
These courses meet at the same time on the same day and date.	<code>flexreg.schedule.timeConflict.description.group</code>
Coincide	<code>flexreg.schedule.timeConflict.group</code>

Schedule Builder Overlap screen

The Schedule Builder Overlap screen is displayed when a scheduling overlap exists between classes on the schedule builder. The classes with the overlap are displayed in blue.

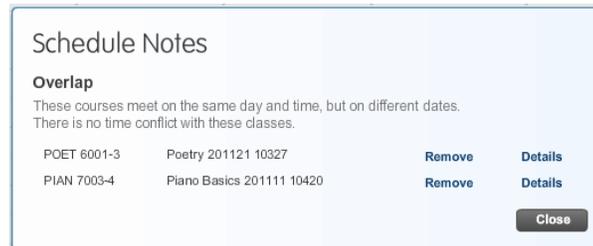
The screenshot shows the Banner Flexible Registration 8.6 interface. At the top, there is a navigation bar with 'ellucian UNIVERSITY' and 'Sign In | Help'. Below that is a search bar with 'econ' entered. The main area is titled 'Schedule Builder' and contains a search results panel on the left and a weekly schedule grid on the right. The search results panel lists three economics courses: ECON 3001 2, ECON 3001 3, and ECON 3001 4. The schedule grid shows a weekly layout from Sunday to Saturday, with time slots from 1:00 PM to 6:00 PM. Overlapping classes are highlighted in blue, with labels like 'Overlap (2)', 'Overlap (3)', and 'Overlap (4)'. A 'Start Over' button is visible at the bottom left of the grid, and 'Save' and 'Register' buttons are at the bottom right.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Overlap	<code>flexreg.schedule.displayOverlap</code>
	Text is displayed with blue background in this example.

Schedule Builder Overlap dialog

The Schedule Builder Overlap dialog is displayed when the user selects a class with an overlap from the Schedule Builder Overlap screen. It shows the overlap detail.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Schedule Notes	<code>flexreg.schedule.scheduleNotes</code>
Overlap	<code>flexreg.schedule.displayOverlap</code>
(Description of overlap displayed under the heading and above the courses)	<code>flexreg.schedule.displayOverlap.description</code>
Example: These courses meet on the same day and time, but on different dates. There is no time conflict with these classes.	

Alternate PIN dialog

The Alternate PIN dialog is used to enter an alternate PIN for the term displayed when registering for classes. The user can submit the PIN or cancel the process. An error is displayed if an authorization failure occurs or if the incorrect PIN is entered three times in a row. The Alternate PIN dialog is displayed when an alternate PIN is required for the term, classes have been added to the Schedule Builder, and the user proceeds to register.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Alternate PIN	<code>flexreg.label.altpin.title</code>
Term	<code>flexreg.label.altpin.termlabel</code>
Please enter your Alternate PIN for the term above to access registration	<code>flexreg.label.altpin.descr</code>
Alternate PIN	<code>flexreg.label.altpin.textlabel</code>
Cancel	<code>flexreg.label.altpin.button.cancel</code>
Submit	<code>flexreg.label.altpin.button.submit</code>

Alternate PIN Error dialog

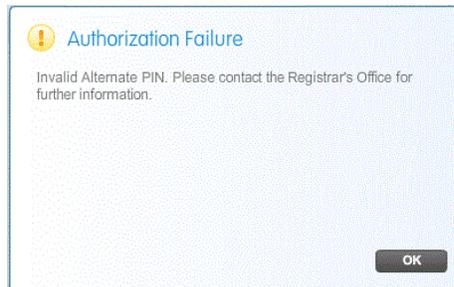
The Alternate PIN Error dialog is displayed when an incorrect or invalid alternate PIN is entered in the Alternate PIN dialog and a user authorization failure occurs. The user can enter the correct PIN and continue with registration.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Alternate PIN	<code>flexreg.label.altpin.title</code>
Term	<code>flexreg.label.altpin.termlabel</code>
Please enter your alternate pin for the term above to access registration.	<code>flexreg.label.altpin.descr</code>
Alternate PIN	<code>flexreg.label.altpin.textlabel</code>
Authorization Failure - Invalid Alternate PIN.	<code>flexreg.label.altpin.nomatch</code>
Cancel	<code>flexreg.label.altpin.button.cancel</code>
Submit	<code>flexreg.label.altpin.button.submit</code>

Alternate PIN Attempts Exceeded Authorization Failure dialog

The Alternate PIN Attempts Exceeded Authorization Failure dialog is displayed when an incorrect alternate PIN is entered in the Alternate PIN dialog three times in a row and a user authorization failure occurs. The user cannot continue to registration.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Authorization Failure	flexreg.label.altpin.authfailed.title
Invalid Alternate PIN. Please contact the Registrar's Office for further information.	flexreg.label.altpin.authfailed.body
OK	em.uishell.common.btn.ok

Login dialog

The Login dialog is displayed with three variations:

- new account creation is allowed
- description of when new account creation is allowed
- existing user login is allowed

Login dialog With New Account Creation Option

The Login dialog With New Account Creation Option is used for existing user login and new account creation.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
New Student?	flexreg.label.signup
New to the University? Create your account now to complete the registration process.	flexreg.label.signup.allow
Sign In (text heading and button)	flexreg.label.login
Sign in to see your registration eligibility and manage your registration.	flexreg.label.loginDescription
* for User name and Password fields	flexreg.label.required Asterisk (*) used to indicate when field is required.
User name	flexreg.label.username
Password	flexreg.label.password
Forgot Password?	flexreg.label.login.forgotPassword
Create new account	flexreg.label.signup.button.newAccount
Cancel	flexreg.label.login.cancel

Login dialog With New Account Creation Instruction

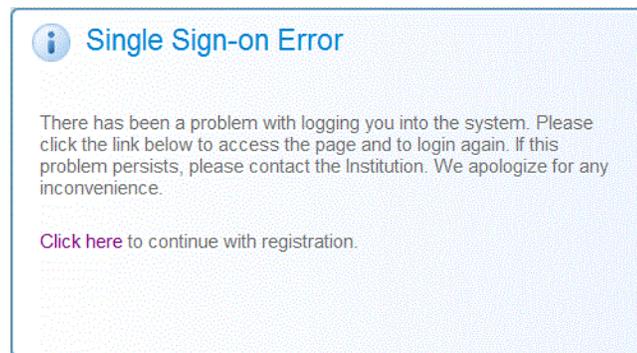
The Login dialog With New Account Creation Instruction is used for existing user login and a description of when new account creation is permitted.

The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Login dialog With New Account Creation Option.

Field/Text	Key (strings.properties)
New to the University? You will be able to create a login during checkout.	<code>flexreg.label.signup.instructions</code>

Single Sign-On Error dialog

If the Single Sign-On process fails, the following Single Sign-On error dialog is displayed.



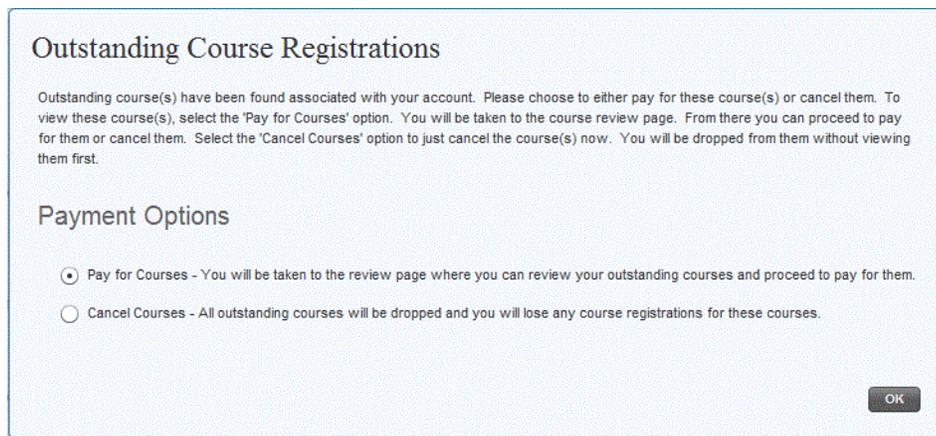
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Flexible Registration Single Sign-on Failure	<code>flexreg.sso.signin.failure.pageTitle</code>
Single Sign-on Error	<code>flexreg.sso.signin.failure.messageTitle</code>
There has been a problem with logging you into the system. Please click the link below to access the page and to login again. If this problem persists, please contact the Institution. We apologize for any inconvenience.	<code>flexreg.sso.signin.failure.message</code>

Field/Text	Key (strings.properties)
Click here	<code>flexreg.sso.signin.failure.returnUrlText</code>
to continue with registration.	<code>flexreg.sso.signin.failure.returnUrlSuffix</code>

Outstanding Course Registrations dialog

The Outstanding Course Registrations dialog is displayed if the user closes the browser window without completing or cancelling the registration process. When the user signs in to the Banner Flexible Registration application, this window gives the user the option of resuming or canceling the registration process.

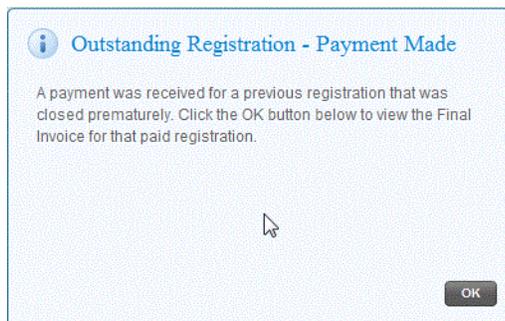


Field/Text	Key (strings.properties)
Outstanding Course Registrations	<code>flexreg.outstanding.registrations.window.title</code>
Outstanding course(s) have been found associated with your account. lease choose to either pay for these course(s) or cancel them. To view these course(s), select the 'Pay for Courses' option. You will be taken to the course review page. From there you can proceed to pay for them or cancel them. Select the 'Cancel Courses' option to just cancel the course(s) now. You will be dropped from them without viewing them first.	<code>flexreg.outstanding.registrations.window.desc</code>
Payment Options	<code>flexreg.outstanding.registrations.window.options</code>

Field/Text	Key (strings.properties)
Cancel Courses - All outstanding courses will be dropped and you will lose any course registrations for these courses.	flexreg.outstanding. registrations.window. cancelPayment
Pay for Courses - You will be taken to the review page where you can review your outstanding courses and proceed to pay for them.	flexreg.outstanding. registrations.window. makePayment

Outstanding Registrations - Payment Made dialog

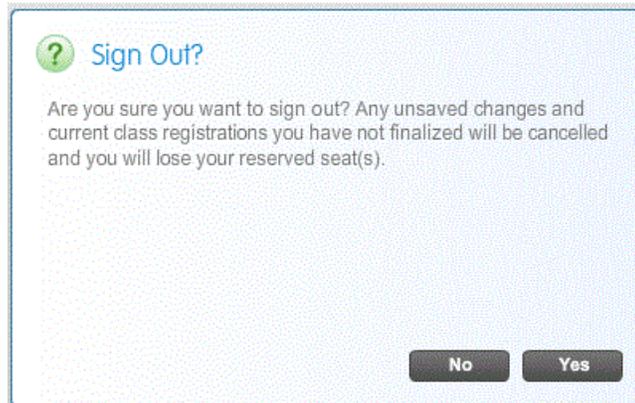
The Outstanding Registrations - Payment Made dialog is displayed if the user makes a payment for the registration but closes the browser window without viewing the Final Invoice. Clicking **OK** takes the user to the Final Invoice page of the paid registration.



Field/Text	Key (strings.properties)
Outstanding Registration - Payment Made	flexreg.outstanding. registrations.finalized. window.title
A payment was received for a previous registration that was closed prematurely. Click the OK button below to view the Final Invoice for that paid registration.	flexreg.outstanding. registrations.finalized. window.desc

Logout Confirmation dialog

The Logout Confirmation dialog is displayed when the user clicks the **Signout** link to sign out of the application.

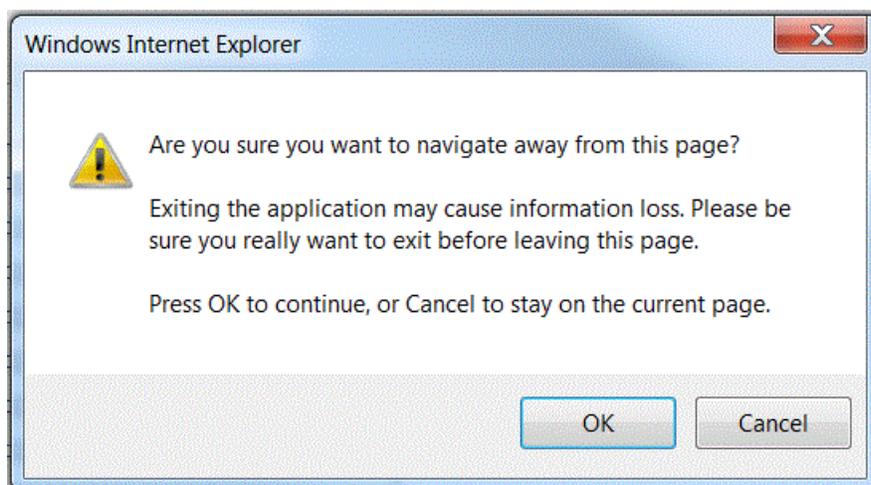


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Sign Out?	<code>flexreg.label.signout.title</code>
Are you sure you want to sign out? Any unsaved changes and current class registrations you have not finalized will be cancelled and you will lose your reserved seat(s).	<code>flexreg.label.signout.message</code>

Leave Confirmation dialog

The Leave Confirmation dialog is displayed when the user tries to leave the application or refresh the browser.

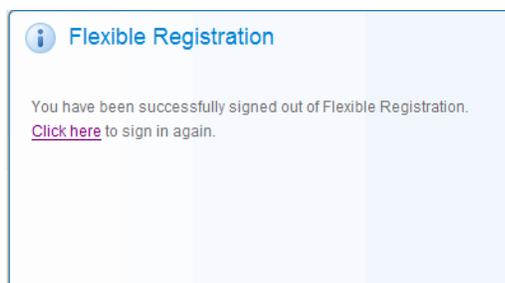


The following text items are retrieved from the `strings.properties` file and can be modified:

Field/Text	Key (<code>strings.properties</code>)
Exiting the application may cause information loss. Please be sure you really want to exit before leaving this page.	<code>flexreg.app.exit.warning</code>

Logout page

After the user signs out of Flexible Registration, the following logout screen is displayed.

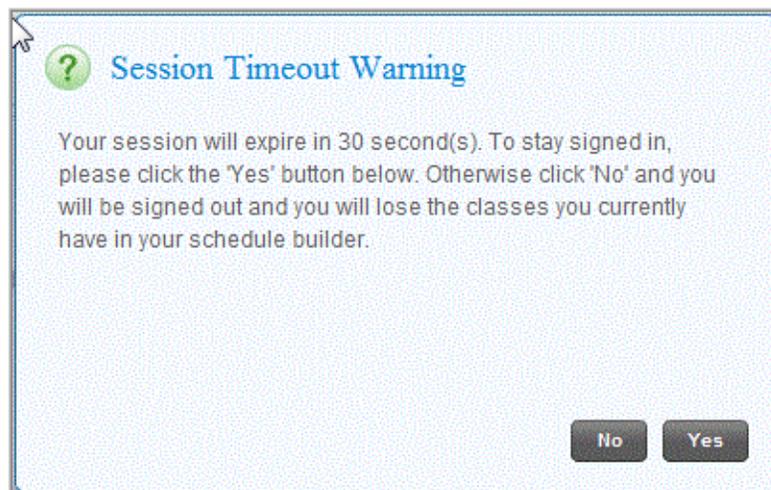


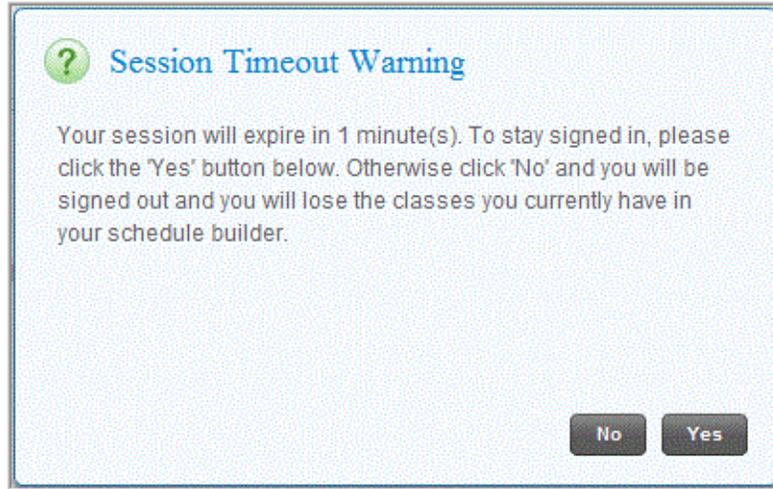
The following text items are retrieved from the `strings.properties` file and can be modified:

Field/Text	Key (strings.properties)
Flexible Registration Sign out	flexreg.logout.pageTitle
Flexible Registration	flexreg.logout.messageTitle
You have been successfully signed out of Flexible Registration.	flexreg.logout.message
Click here	flexreg.logout.returnUrlText
to sign in again.	flexreg.logout.returnUrlSuffix

Session expiration dialog

After the user logs into the application, their session expires after a certain period of inactivity. The session expiration settings can be configured on the SFRACLTG administrative form. There are two values: the number of minutes idle before logout, and the number of minutes before the warning window displays. If the number of minutes concerning the warning window is less than one, the message text says there are X seconds remaining before the session expires, where X is number of seconds. If the number of minutes is one or greater, the message text says there are X minutes remaining before the session expires, where X is the number of minutes. This is displayed in the following images respectively:



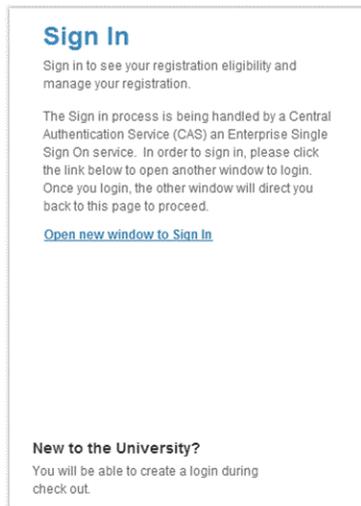


The following text items are retrieved from the `strings.properties` for the above images and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Session Timeout Warning	<code>flexreg.session.timeout.warning.title</code>
Your session will expire in {0}. To stay signed in, please click the 'Yes' button below. Otherwise click 'No' and you will be signed out and you will lose the classes you currently have in your schedule builder.	<code>flexreg.session.timeout.warning.body</code>
second(s)	<code>flexreg.session.timeout.warning.seconds</code>
minute(s)	<code>flexreg.session.timeout.warning.minutes</code>

Login instructions for CAS

If a Central Authentication Service (CAS) service is deployed in your infrastructure, CAS can be used for authentication. You get the following sign in options at the right side of the landing page if CAS is enabled.

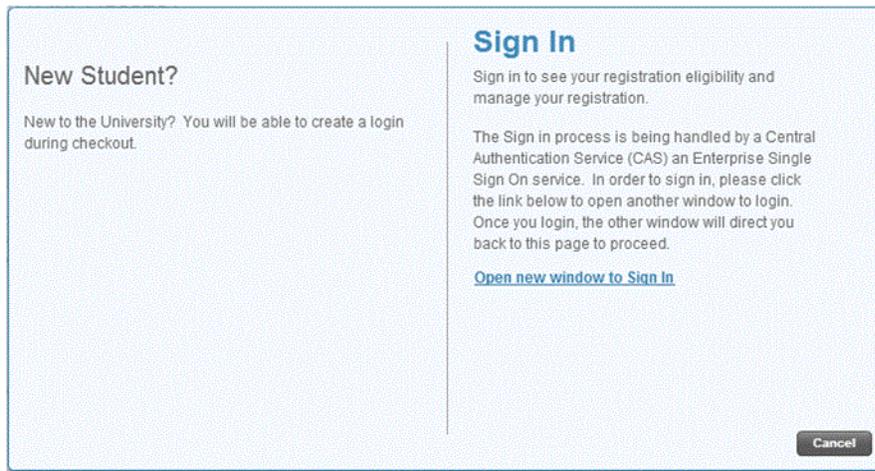


The following text items are retrieved from the `strings.properties` for the above images and can be modified.

Field/Text	Key (<code>strings.properties</code>)
The Sign in process is being handled by a Central Authentication Service (CAS) an Enterprise Single Sign On service. In order to sign in, please click the link below to open another window to login. Once you login, the other window will direct you back to this page to proceed.	<code>flexreg.label.login.CASInstructions</code>
Open new window to Sign In	<code>flexreg.label.login.openWindowText</code>

Login dialog With New Account Creation Instruction

The Login dialog With New Account Creation Instruction is used for existing user login and a description of when new account creation is permitted.



The following text items are retrieved from the `strings.properties` for the above images and can be modified.

Field/Text	Key (<code>strings.properties</code>)
The Sign in process is being handled by a Central Authentication Service (CAS) an Enterprise Single Sign On service. In order to sign in, please click the link below to open another window to login. Once you login, the other window will direct you back to this page to proceed.	<code>flexreg.label.login.CASInstructions</code>
Open new window to Sign In	<code>flexreg.label.login.openWindowText</code>

Waiting to Login dialog

The following Single Sign-In dialog is displayed when the user selects the Open new window to Sign In link.

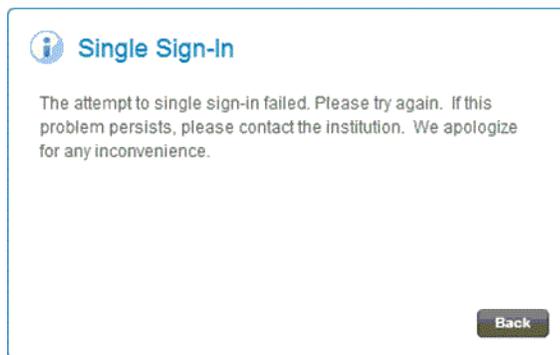


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Single Sign-In	<code>flexreg.label.login.cas.attemptWindowTitle</code>
An attempt is being made to single sign-in into the application, in another browser window. This pop up box will close automatically when the process has been completed. Please complete the sign-in steps in the other window before proceeding in the application. If you are not able to sign in, please contact the institution.	<code>flexreg.label.login.cas.attemptWindowText</code>
Back	<code>flexreg.label.login.cas.attemptWindow WindowButtonLabel</code>

In Session Error dialog

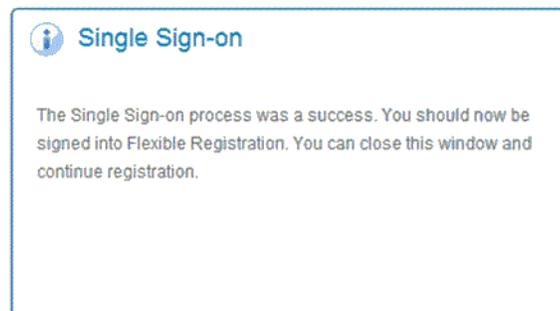
The following session error dialog is displayed if the single sign-in fails during a session.



Field/Text	Key (strings.properties)
Single Sign-In	<code>flexreg.label.login.cas.attemptWindowTitle</code>
The attempt to single sign-in failed. Please try again. If this problem persists, please contact the institution. We apologize for any inconvenience.	<code>flexreg.label.login.cas.attemptFailureText</code>
Back	<code>flexreg.label.login.cas.attemptWindowWindowButtonLabel</code>

CAS Login Success dialog

If the Single Sign-On process is a success when CAS is enabled, the following Single Sign-On dialog is displayed.



The following text items are retrieved from the `strings.properties` for the above images and can be modified.

Field/Text	Key (strings.properties)
Flexible Registration CAS Single Sign-on	flexreg.sso.cas.success.login.pageTitle
The Single Sign-on process was a success. You should now be signed into Flexible Registration. You can close this window and continue registration.	flexreg.sso.signin.success.login.message
Single Sign-on	flexreg.sso.signin.success.login.messageTitle

CAS Login Failure dialog

If the Single Sign-On process fails when CAS is enabled, the following Single Sign-On error dialog is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Single Sign-on Error	flexreg.sso.signin.failure.login.messageTitle

Field/Text	Key (strings.properties)
Flexible Registration CAS Single Sign-on Failure	flexreg.sso.cas.failure.login.pageTitle
The Single Sign-on process failed. If this problem persists, please contact the institution. We apologize for any inconvenience.	flexreg.sso.signin.failure.login.message

Logout page

After the user signs out of Flexible Registration when CAS is enabled, the following logout screen is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified:

Field/Text	Key (strings.properties)
	flexreg.logout.cas.singleSignOutText
Click here to sign out from all other applications	flexreg.logout.cas.singleSignOutTextSuffix
	flexreg.logout.cas.secure.returnUrlSuffix
Click here to sign back in	flexreg.logout.cas.secure.returnUrlText
Click here to go back without signing in	flexreg.logout.cas.returnUrlText
	flexreg.logout.cas.returnUrlSuffix

New Account Creation screen

The New Account Creation screen allows the user to sign up to use the application by creating a new account. This screen is displayed in two sections to accommodate all the fields that can be customized:

- Profile fields and Security Check Area
- Additional Profile fields

After the profile information has been entered, common matching is performed. Matching is determined to be partial or exact, and the user sees the New Account Welcome dialog.

- New Account Partial Match dialog
- New Account Exact Match dialog
- New Account Welcome dialog

Profile fields and Security Check area

The New Account Creation screen contains profile fields and a Security Check area.

ellucian. UNIVERSITY [Sign In](#) | [Help](#)

Home | [Schedule Builder](#) | [Manage Registration](#) | [Saved Plans](#) | [My Profile](#) ▼

Search for [Advanced Search](#) [Browse By Subject](#) [Banner Self-Service](#)

Create a New Account

Account Details

*First name:

*Last name:

Middle name:

Full legal name:

Preferred first name:

Surname prefix:

Prefix:

Security Check

I agree with the [acceptable use policy](#).

 [Try another](#) *Please type the text you see in the image.

[Help](#)

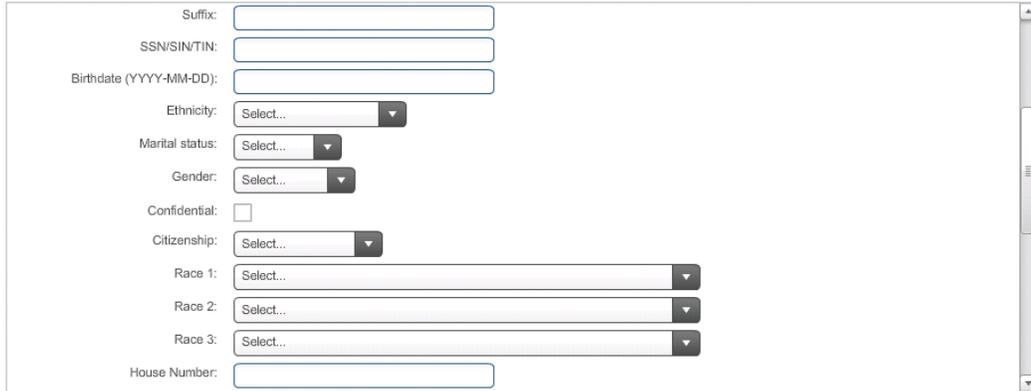
[Cancel](#) [Submit](#)

The following text items are retrieved from the `strings.properties` file and can be modified.

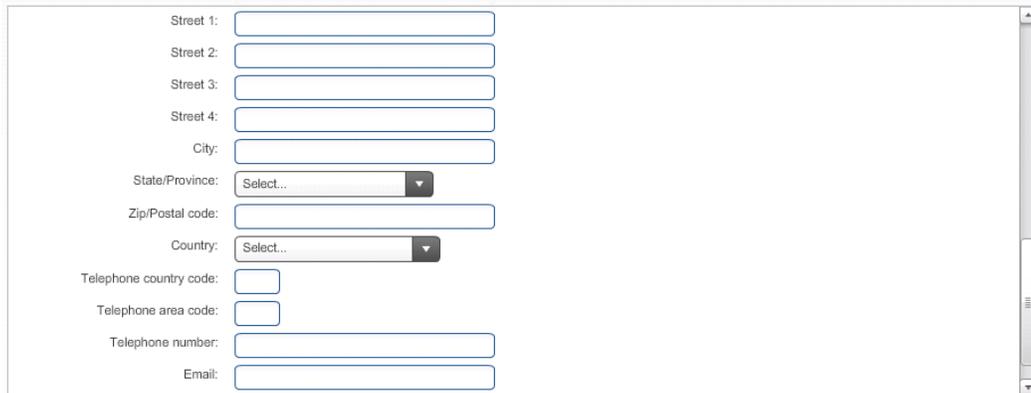
Field/Text	Key (<code>strings.properties</code>)
Create New Account	<code>flexreg.label.signup.header</code>
Account Details	<code>flexreg.label.signup.accountDetails</code>
* for First name and Last name fields, * for Please type the text you see in the image	<code>flexreg.label.signup.requiredMarker</code> Asterisk (*) used to indicate when field is required.
Security Check	<code>flexreg.label.signup.securityCheck</code>
Try another	<code>flexreg.label.signup.captcha.refresh</code>
Refresh (Arrows) button	<code>flexreg.label.signup.captcha.refresh.tooltip</code>
Help	<code>flexreg.label.signup.captcha.help</code>
Help (?) button	<code>flexreg.label.signup.captcha.help.tooltip</code>
Please type the text you see in the image	<code>flexreg.label.signup.captcha.input</code>
Submit	<code>flexreg.label.signup.button.submit</code>
Cancel	<code>flexreg.label.signup.button.cancel</code>
I agree with the	<code>flexreg.label.aup.text1</code>
acceptable use policy.	<code>flexreg.label.aup.text2</code>
First name	<code>flexreg.label.signup.fname</code>
Last name	<code>flexreg.label.signup.lname</code>
Middle name	<code>flexreg.label.signup.mname</code>
Full legal name	<code>flexreg.label.signup.full</code>
Prefix	<code>flexreg.label.signup.prefix</code>
Surname prefix	<code>flexreg.label.signup.lastNamePrefix</code>
Preferred first name	<code>flexreg.label.signup.preferredName</code>

Additional Profile fields

Here are additional profile fields for the New Account Creation screen shown in two screen shots.



A screenshot of a web form titled 'Additional Profile fields'. The form contains the following fields: Suffix (text input), SSN/SIN/TIN (text input), Birthdate (YYYY-MM-DD) (text input), Ethnicity (dropdown menu), Marital status (dropdown menu), Gender (dropdown menu), Confidential (checkbox), Citizenship (dropdown menu), Race 1 (dropdown menu), Race 2 (dropdown menu), Race 3 (dropdown menu), and House Number (text input). The form is displayed in a browser window with a scrollbar on the right.



A screenshot of a web form titled 'Additional Profile fields' showing address and contact information. The form contains the following fields: Street 1, Street 2, Street 3, Street 4 (text inputs), City (text input), State/Province (dropdown menu), Zip/Postal code (text input), Country (dropdown menu), Telephone country code (text input), Telephone area code (text input), Telephone number (text input), and Email (text input). The form is displayed in a browser window with a scrollbar on the right.

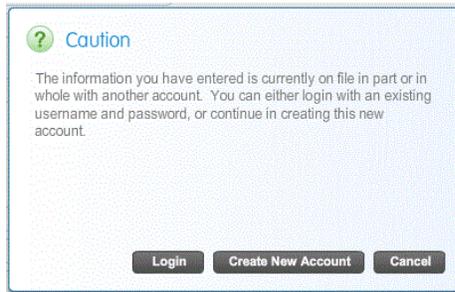
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Suffix	<code>flexreg.label.signup.suffix</code>
SSN/SIN/TIN	<code>flexreg.label.signup.ssn</code>
Birthdate (YYYY-MM-DD)	<code>flexreg.label.signup.birthdate</code> The text "Birthdate" can be changed, but the format is specified in the database.
Ethnicity	<code>flexreg.label.signup.ethnicity</code>

Field/Text	Key (strings.properties)
Marital Status	flexreg.label.signup.maritalStatus
Gender	flexreg.label.signup.gender
Confidential	flexreg.label.signup.confidential
Citizenship	flexreg.label.signup.citizenship
Race 1	flexreg.label.signup.race1
Race 2	flexreg.label.signup.race2
Race 3	flexreg.label.signup.race3
House Number	flexreg.label.signup.houseNumber
Street 1	flexreg.label.signup.street1
Street 2	flexreg.label.signup.street2
Street 3	flexreg.label.signup.street3
Street 4	flexreg.label.signup.street4
City	flexreg.label.signup.city
State/Province	flexreg.label.signup.state
Zip/Postal Code	flexreg.label.signup.zip
Country	flexreg.label.signup.country
Telephone country code	flexreg.label.signup.phone.country
Telephone area code	flexreg.label.signup.phone.area
Telephone number	flexreg.label.signup.phone.number
Email	flexreg.label.signup.email
Select...	flexreg.label.comboboxPrompt
	This value is added to the top of every pulldown list

New Account Partial Match dialog

The New Account Partial Match dialog is displayed when the user has the options to log in as an existing user, create a new account, or cancel the new account creation process. This indicates that common matching has found a partial match.

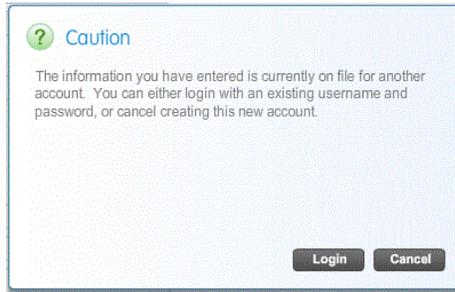


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Caution	<code>flexreg.label.signup.common.matching.title</code>
The information you have entered is currently on file in part or in whole with another account. You can either login with an existing username and password, or continue in creating this new account.	<code>flexreg.label.signup.common.matching.always</code>
Login	<code>flexreg.label.signup.button.common.matching.login</code>
Create New Account	<code>flexreg.label.signup.button.common.matching.newAccount</code>
Cancel	<code>flexreg.label.signup.button.common.matching.cancelNewAccount</code>

New Account Exact Match dialog

The New Account Exact Match dialog is displayed when the user has the options to log in as an existing user or cancel the new account creation process. This indicates that common matching has found an exact match.

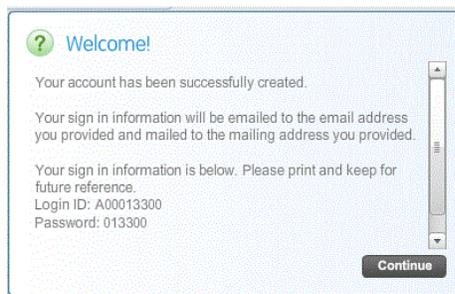


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Caution	<code>flexreg.label.signup.common.matching.title</code>
The information you have entered is currently on file for another account. You can either login with an existing username and password, or cancel creating this new account.	<code>flexreg.label.signup.common.match</code>
Login	<code>flexreg.label.signup.button.common.matching.login</code>
Cancel	<code>flexreg.label.signup.button.common.matching.cancelNewAccount</code>

New Account Welcome dialog

The New Account Welcome dialog is displayed when a user has successfully signed up for a new account.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Welcome!	<code>flexreg.label.signup.newaccount.success.title</code>
Your account has been successfully created.	<code>flexreg.label.signup.newaccount.success.text.created</code>
Your sign in information will be emailed to the email address you provided.	<code>flexreg.label.signup.newaccount.credentials.emailed</code> Displays depending on the notification settings in the GUAPPRF form.
Your sign in information will be mailed to the mailing address you provided.	<code>flexreg.label.signup.newaccount.credentials.postmarked</code> Displays depending on the notification settings in the GUAPPRF form.
Your sign in information will be emailed to the email address you provided and mailed to the mailing address you provided.	<code>flexreg.label.signup.newaccount.credentials.both</code> Displays depending on the notification settings in the GUAPPRF form.
Your sign in information is below. Please print and keep for future reference.	<code>flexreg.label.signup.newaccount.credentials.onscreen</code> Only used if Display New Username and PIN setting in the SFRACLTG form is set to <i>Y</i> .
Login ID	<code>flexreg.label.signup.newaccount.login.id</code>
Password	<code>flexreg.label.signup.newaccount.login.password</code>
Continue	<code>flexreg.label.signup.newaccount.button.continue</code>

Personal Information screen

The Personal Information screen is used to update user profile information.

Personal Information

Account Details

*First name:

*Last name:

Middle name:

Full legal name:

Preferred first name:

Surname prefix:

Prefix:

Suffix:

SSN/SIN/TIN:

Acceptable Use Policy

I agree with the [acceptable use policy](#).

The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the New Account Creation screen.

Field/Text	Key (<code>strings.properties</code>)
Personal Information	<code>flexreg.label.profile.mngmnt.personInfo</code>
Acceptable Use Policy	<code>flexreg.label.profile.personal.info.aup</code>
I agree with the	<code>flexreg.label.aup.text1</code>
acceptable use policy.	<code>flexreg.label.aup.text2</code>
Cancel	<code>flexreg.label.profile.personal.info.cancel</code>
Save	<code>flexreg.label.profile.personal.info.save</code>

Review Invoices screen

The Review Invoices screen is displayed in two states:

- initial state
- selected state

Initial Review Invoices screen

When the Review Invoices screen is first accessed, the initial state is displayed. Invoices are displayed in the Review Invoices list, but none are selected. The Invoice Help panel is also displayed.

The screenshot shows the Banner Flexible Registration 8.6 interface. At the top, the header includes the university name 'ellucian UNIVERSITY' and user information 'Rory Altmann | Sign Out | Help'. Below the header is a navigation menu with links for 'Home', 'Schedule Builder', 'Manage Registration', 'Saved Plans', and 'My Profile'. A search bar is present with the text 'Search All terms for econ' and options for 'Advanced Search' and 'Browse By Subject'. The main content area is titled 'Review Invoices' and contains a table of invoices and an 'Invoice Help' panel.

Invoice Number	Invoice Date	Amount
00000077	Aug 10, 2012	\$130.00
00000079	Aug 10, 2012	\$140.00
00000082	Aug 10, 2012	\$140.00

Invoice Help
Select an invoice from the list to the left to see details about it.

Print

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Review Invoices	flexreg.label.profile.mngmnt.invoices
Invoice Number	flexreg.label.profile.past.invoices.invoiceNumber
Invoice Date	flexreg.label.profile.past.invoices.date
Amount	flexreg.label.profile.past.invoices.amount
Invoice Help	flexreg.label.profile.past.invoices.help.title
Select an invoice from the list to the left to see details about it.	flexreg.label.profile.past.invoices.help.message

Review Selected Invoice screen

The Review Selected Invoices screen is displayed when an invoice is selected in the Review Invoices information. This shows the details for the invoice.

The screenshot displays the Banner Flexible Registration 8.6 interface. At the top, the user is logged in as Rorry Altmann. The navigation menu includes Home, Schedule Builder, Manage Registration, Saved Plans, and My Profile. A search bar contains the term 'econ'. The main content area is titled 'Review Invoices' and is divided into two sections.

Review Invoices Table:

Invoice Number	Invoice Date	Amount
0000077	Aug 10, 2012	\$130.00
0000079	Aug 10, 2012	\$140.00
0000082	Aug 10, 2012	\$140.00

Schedule Details:

ECON 3001 2 | Economics 201221 10014
 Term: Winter 2011/2012 CEU hours: 3.000
 CRN: 10014 Grade mode: Standard Letter
 Schedule type: Lecture Course level: Continuing Education
 Instructor: Adams, Andrew

Start date	End date	Days	Start time	End time	Campus	Building	Room
Dec 16, 2011	Mar 15, 2012	MWTF	12:00 PM	12:50 PM	Main	Alpha Kappa Omega	24

Invoice 0000077

ECON 3001 2 | Economics 201221 10014
 Class fees
 Activity Fee \$130.00

Total: \$130.00

The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Initial Review Invoices screen. Invoice detail and schedule fields are described with the Final Invoice screen later in this chapter.

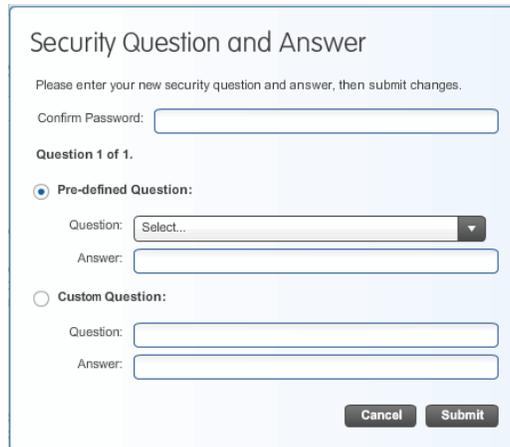
Field/Text	Key (<code>strings.properties</code>)
Print	<code>flexreg.label.print</code>

Security Question and Answer dialog

The Security Question and Answer dialog is displayed under the following conditions:

- when a user sets up a new account,
- when a user logs into a session and does not have the required number of questions defined,
- when the user selects the **Reset Security Questions** button from the Change Security Questions screen.

The PIN is not required for a new account. The PIN is required to add security questions to meet the required number and to reset security questions.



The screenshot shows a dialog box titled "Security Question and Answer". Below the title is the instruction: "Please enter your new security question and answer, then submit changes." There is a "Confirm Password:" field. Below that, it says "Question 1 of 1." There are two radio button options: "Pre-defined Question:" (which is selected) and "Custom Question:". Under "Pre-defined Question:", there is a "Question:" dropdown menu with "Select..." and a downward arrow, and an "Answer:" text field. Under "Custom Question:", there are "Question:" and "Answer:" text fields. At the bottom right, there are "Cancel" and "Submit" buttons.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Security Question and Answer	<code>flexreg.label.bannerSecurityQuestion.title</code>
Please enter your new security question and answer, then submit changes.	<code>flexreg.label.bannerSecurityQuestion.descr</code>
Please Confirm your Pin	<code>flexreg.label.bannerSecurityQuestion.pin</code>
Authorization Failure - Security Questions are not setup.	<code>flexreg.label.bannerSecurityQuestions.noSecurityQuestions</code>
Internal Error	<code>flexreg.label.bannerSecurityQuestion.generic.error.title</code>
Internal Error: Unable to provide user security questions. Please contact your institution.	<code>flexreg.label.bannerSecurityQuestion.generic.error.msg</code>
Question {0} of {1}.	<code>flexreg.label.bannerSecurityQuestion.count</code>
Pre-defined Question	<code>flexreg.label.bannerSecurityQuestion.preDefinedQuestion</code>
Question	<code>flexreg.label.bannerSecurityQuestion.question</code>
Please select a question from the drop down.	<code>flexreg.label.bannerSecurityQuestion.error.noQuestionSelected</code>
A duplicate question has been submitted. Please submit a different question.	<code>flexreg.label.bannerSecurityQuestion.error.duplicateQuestion</code>
A duplicate question has been submitted. Please submit a different question.	<code>flexreg.label.bannerSecurityQuestion.error.invalidPin</code>
Custom Question	<code>flexreg.label.bannerSecurityQuestion.customQuestion</code>
The custom question is shorter than the minimum allowed length. This must be at least {0} character(s) long.	<code>flexreg.label.bannerSecurityQuestion.error.minQuestionLength</code>

Field/Text	Key (strings.properties)
The custom question is longer than the minimum allowed length. This must be less than {0} character(s) long.	flexreg.label.bannerSecurityQuestion.error.maxLength
Answer	flexreg.label.bannerSecurityQuestion.answer
Your question and answered was successfully submitted. Please proceed to the next question.	flexreg.label.bannerSecurityQuestion.success.moreQuestions
The answer is shorter than the minimum allowed length. This must be at least {0} character(s) long	flexreg.label.bannerSecurityQuestion.error.minAnswerLength
Cancel	flexreg.label.bannerSecurityQuestion.cancel
Cancel Security Questions?	flexreg.label.bannerSecurityQuestion.cancel.confirm.title
Do you really want to cancel creating security questions? If you click Yes, you will be logged out of your session.	flexreg.label.bannerSecurityQuestion.cancel.confirm.message
Submit	flexreg.label.bannerSecurityQuestion.submit
All questions and answers have been successfully submitted.	flexreg.label.bannerSecurityQuestion.success.noMoreQuestions

Security Question and Answer Continue dialog

The Security Question and Answer Continue dialog is displayed when the user needs to complete security questions for his/her profile.

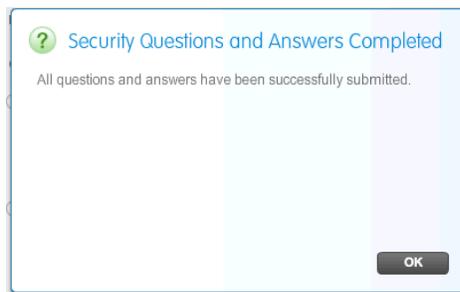


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Security Question and Answer	<code>flexreg.label.bannerSecurityQuestion.title</code>
Please complete the following security questions for your profile. Click 'Continue' to begin the security question process.	<code>flexreg.label.bannerSecurityQuestion.welcome.desc</code>
Continue	<code>flexreg.label.bannerSecurityQuestion.button.continue</code>

Security Questions and Answers Completed dialog

The Security Questions and Answers Completed dialog is displayed when the user successfully completes all questions and answers.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Security Questions and Answers Completed	flexreg.label.bannerSecurityQuestion.completed.title
All questions and answers have been successfully submitted.	flexreg.label.bannerSecurityQuestion.success.noMoreQuestions

Change Security Questions screen

The Change Security Questions screen is displayed when the user selects the Change Security Questions item under My Profile.

This screen has two views, one which allows the user to reset security questions in Flexible Registration and one which refers the user to another location to reset security questions when the process has been disabled in Flexible Registration.

Change Security Questions screen reset allowed

This version of the Change Security Questions screen is displayed when the user is allowed to reset his/her change security questions in Flexible Registration.

The *Enable Banner Security Questions* parameter on the Flexible Registration Catalog Rules Form (SFRAC TLG) is used to control the display of the security questions and answers. When the rule is set to *Y* (display), the **Reset Security Questions** button on the Change Security Questions page allows the user to continue with the process.

Change Security Questions

Security questions will allow you to reset your password should you lose or forget your password. Click the **Reset Security Questions** button below to change your security questions.

Reset Security Questions

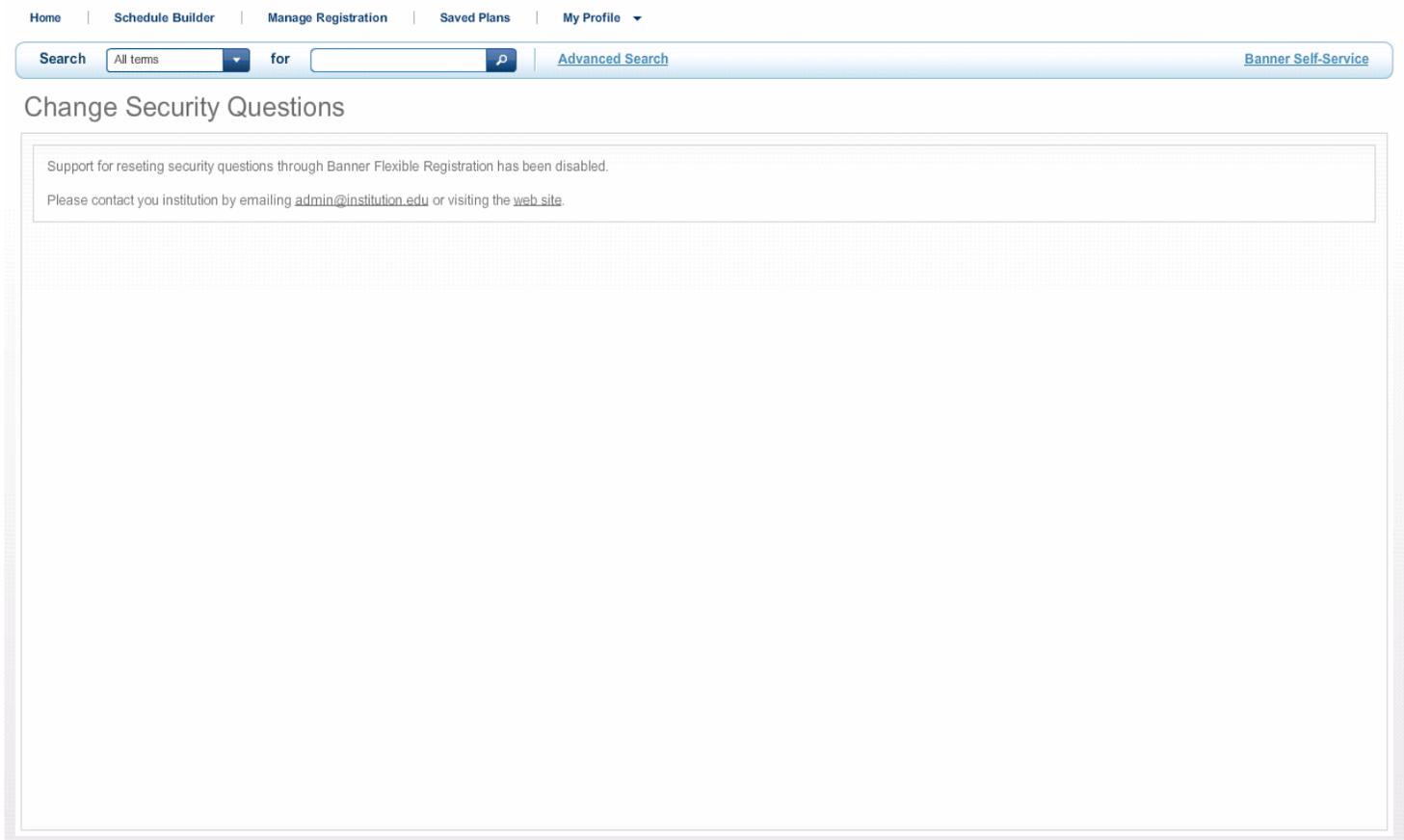
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Change Security Questions	<code>flexreg.label.profile.secQuestion.title</code>
Security questions will allow you to reset your password should you lose or forget your password. Click the (Reset Security Questions) button below to change your security questions.	<code>flexreg.label.profile.secQuestion.body</code>
Reset Security Questions	<code>flexreg.btn.profile.secQuestion.reset</code>
Your security questions have been successfully changed.	<code>flexreg.label.profile.secQuestion.complete</code>

Change Security Questions screen reset disabled

This version of the Change Security Questions screen is displayed when the user must email the institution or go to another location online to change his/her security questions.

The *Enable Banner Security Questions* parameter on the Flexible Registration Catalog Rules Form (SFRACTLG) is used to control the display of the security questions and answers. When the rule is set to *N* (do not display), the Change Security Questions page displays instructions from your institution to continue with the process such as an email link or website.



The screenshot shows the Banner Self-Service interface. At the top, there is a navigation bar with links for Home, Schedule Builder, Manage Registration, Saved Plans, and My Profile. Below this is a search bar with a dropdown menu set to 'All terms', a search input field, and a search button. To the right of the search bar is a link for 'Advanced Search' and a 'Banner Self-Service' link. The main content area is titled 'Change Security Questions' and contains a message box with the following text: 'Support for resetting security questions through Banner Flexible Registration has been disabled. Please contact your institution by emailing admin@institution.edu or visiting the [web site](#).'

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Change Security Questions	<code>flexreg.label.profile.secQuestion.title</code>
Support for resetting security questions through Banner Flexible Registration has been disabled. Please contact you institution by emailing (<code>admin@instition.edu</code>) or visiting the (<code>http://www.google.com</code>) web site.	<code>flexreg.label.profile.secQuestion.disabled</code>

Change Password screen

The Change Password screen is used to change current passwords. When a password is changed, four additional screens can be displayed, depending on the result:

- Change Password Cancellation Confirmation dialog
- Change Password Confirmation dialog
- Change Password Form Error dialog
- Change Password Failure dialog

Change Password

Password Details

Current Password:

New Password:

Confirm Password:

⚠ The two passwords do not match.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Change Password	<code>flexreg.label.profile.mngmnt.changePin</code>
Password Details	<code>flexreg.label.profile.change.password.details</code>
Current Password	<code>flexreg.label.profile.change.password.currentPassword</code>
New Password	<code>flexreg.label.profile.change.password.newPassword</code>
Confirm Password	<code>flexreg.label.profile.change.password.confirmPassword</code>
The two passwords do not match.	<code>flexreg.label.profile.change.password.noMatch</code>
	Error message displayed when the new and confirmed passwords do not match.

Field/Text	Key (strings.properties)
Cancel	flexreg.label.profile.change.password.button.cancel
Save	flexreg.label.profile.change.password.button.save

Change Password Cancellation Confirmation dialog

The Change Password Cancellation Confirmation dialog is displayed when changes to a password are cancelled by selecting the **Cancel** button.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Cancel Password Changes?	flexreg.label.profile.change.password.cancel.confirm.title
Are you sure you want to cancel changing your password? Any values you have entered will be lost.	flexreg.label.profile.change.password.cancel.confirm.message
No	flexreg.label.profile.change.password.confirm.no
Yes	flexreg.label.profile.change.password.confirm.yes

Change Password Confirmation dialog

The Change Password Confirmation dialog is displayed when changes to a password are saved by selecting the **Save** button.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Change Password?	<code>flexreg.label.profile.change.password.save.confirm.title</code>
Are you sure you want to change your password?	<code>flexreg.label.profile.change.password.save.confirm.message</code>
No	<code>flexreg.label.profile.change.password.confirm.no</code>
Yes	<code>flexreg.label.profile.change.password.confirm.yes</code>

Change Password Form Error dialog

The Change Password Form Error dialog is displayed when an error exists in a field on the change password screen, such as the values entered in the **New Password** and **Confirm Password** fields do not match.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Form Error	flexreg.title.formError
Your form contains errors. Please correct the fields that contain errors and try again.	flexreg.label.formError
OK	em.uishell.common.btn.ok

Change Password Failure dialog

The Change Password Failure dialog is displayed when an attempt to change a password fails due to an error, such as the value entered in the **Current Password** field does not match the current password.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Error	flexreg.label.profile.change.password.failure.title
Your password has not been changed. The current password you entered may not be correct. Please clear the values you entered and try again.	flexreg.label.profile.change.password.failure.message
OK	em.uishell.common.btn.ok

Field/Text	Key (strings.properties)
Relationships	<code>flexreg.label.profile.relationship.management.title</code>
View existing relationships for people you can register for a class, or view those who can register you for a class. If you would like to sign up and pay for other students for a class, click the Create new account button to create a new account for the student. *NOTE: If the person is already a student you will need to call the Institution to have them added to your account. Once the account and the relationship has been created, they will appear in your list and you will be able to assign them to a class during the check out process.	<code>flexreg.label.profile.relationship.management.description</code>
People you can register	<code>flexreg.label.profile.relationship.management.tab.IRegisterThem</code>
People who can register you	<code>flexreg.label.profile.relationship.management.tab.TheyRegisterMe</code>
Relationships page, on this page you can view those you can register in classes, or those who can register you in classes.	<code>flexreg.label.profile.relationship.management.acc</code>

People you can register

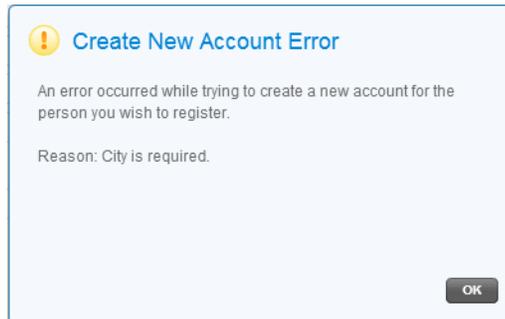
This tab allows you to view those whom you can register in classes.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Create New Account	<code>flexreg.label.signupOthers.header</code>
Enter the profile fields below for the additional person you will be registering.	<code>flexreg.label.signupOthers.description</code>
Your relationship to the new account:	<code>flexreg.label.signupOthers.relationship.combobox.label</code>
Select...	<code>flexreg.label.signupOthers.relationship.combobox.select</code>
Copy address and phone from previously entered account:	<code>flexreg.label.signupOthers.relationship.copyData</code>
Cancel	<code>flexreg.label.signup.button.cancel</code>
Clear field values	<code>flexreg.label.signup.button.clearValues</code>
Submit	<code>flexreg.label.signup.button.submit</code>

Create New Account Error dialog

The following create new account error dialog is displayed if some required information is not provided while creating a new account.

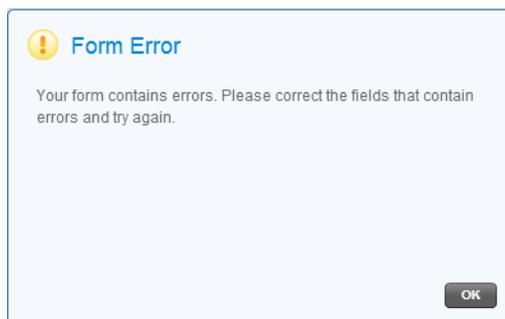


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Create New Account Error	<code>flexreg.label.signupOthers.fault.title</code>
An error occurred while trying to create a new account for the person you wish to register.	<code>flexreg.label.signupOthers.fault.message</code>

Form Error dialog

The following form error dialog is displayed if there are any errors on the form.

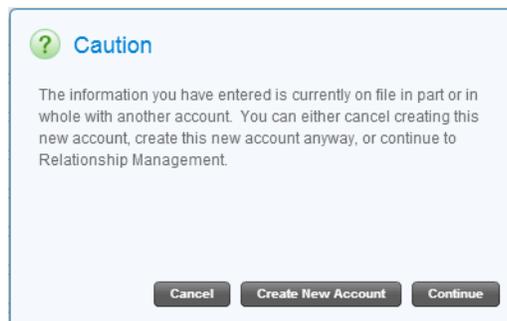


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Form Error	<code>flexreg.label.signupOthers.form.title</code>
Your form contains errors. Please correct the fields highlighted in red and try again.	<code>flexreg.label.signupOthers.form.message</code>

Caution dialog

The following caution dialogs are displayed if you create an account using the same information you have already used for another account.



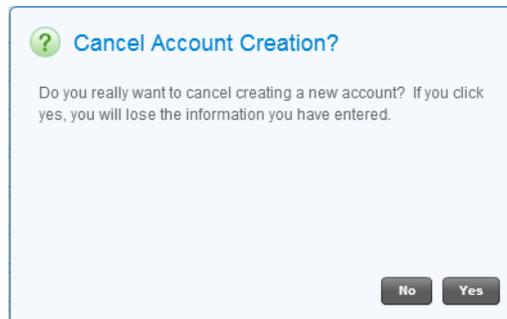
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Caution	<code>flexreg.label.signupOthers.common.matching.title</code>
The information you have entered is currently on file for another account. You can either cancel creating this new account, or continue to Relationship Management.	<code>flexreg.label.signupOthers.common.matching.match</code>

Field/Text	Key (strings.properties)
The information you have entered is currently on file in part or in whole with another account. You can either cancel creating this new account, create this new account anyway, or continue to Relationship Management.	<code>flexreg.label.signupOthers.common.matching.always</code>
Cancel	<code>flexreg.label.signupOthers.button.common.matching.cancelNewAccount</code>
Create New Account	<code>flexreg.label.signupOthers.button.common.matching.newAccount</code>
Continue	<code>flexreg.label.signupOthers.button.common.matching.continue</code>

Cancel Account Creation dialog

The following dialog is displayed if you click **Cancel** during the account creation process.

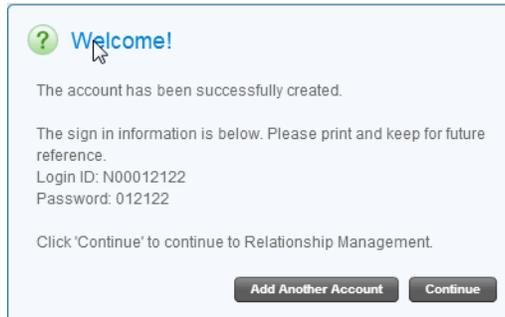


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Cancel Account Creation?	<code>flexreg.label.signupOthers.cancel.confirm.title</code>
Do you really want to cancel creating a new account? If you click yes, you will lose the information you have entered.	<code>flexreg.label.signupOthers.cancel.confirm.message</code>

Account Creation Success dialog

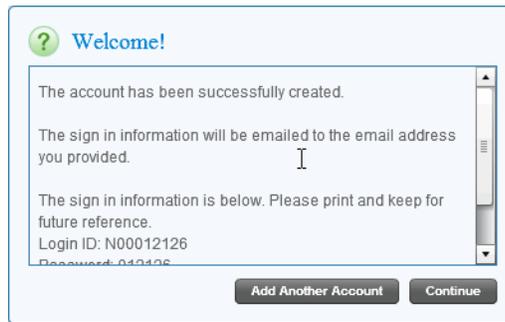
The following dialog is displayed if the account creation is successful.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Welcome!	<code>flexreg.label.signupOthers.newaccount.success.title</code>
The account has been successfully created.	<code>flexreg.label.signupOthers.newaccount.success.text.created</code>
The sign in information is below. Please print and keep for future reference.	<code>flexreg.label.signupOthers.newaccount.credentials.onscreen</code>
Login ID: {0}	<code>flexreg.label.signupOthers.newaccount.login.id</code>
Password: {0}	<code>flexreg.label.signupOthers.newaccount.login.password</code>
Click 'Continue' to continue to Relationship Management.	<code>flexreg.label.signupOthers.newaccount.success.text.cont</code>
Add Another Account	<code>flexreg.label.signupOthers.newaccount.button.addAnother</code>
Continue	<code>flexreg.label.signupOthers.newaccount.button.continue</code>

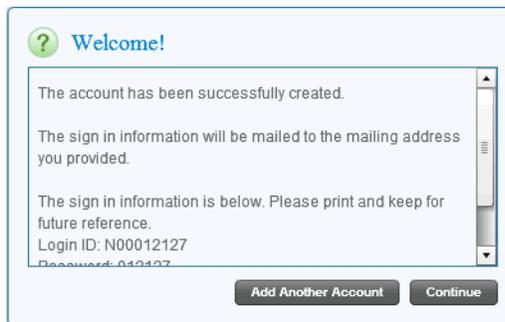
If you have provided an e-mail address during account creation, the following dialog is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
The sign in information will be emailed to the email address you provided.	<code>flexreg.label.signupOthers.newaccount.credentials.emailed</code>

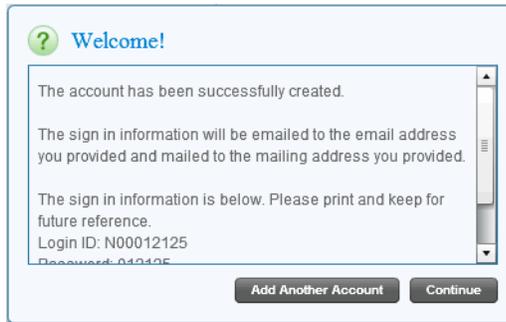
If you have provided a mailing address during account creation, the following dialog is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
The sign in information will be mailed to the mailing address you provided.	<code>flexreg.label.signupOthers.newaccount.credentials.postmarked</code>

If you have provided both the e-mail address and the mailing address during account creation, the following dialog is displayed.

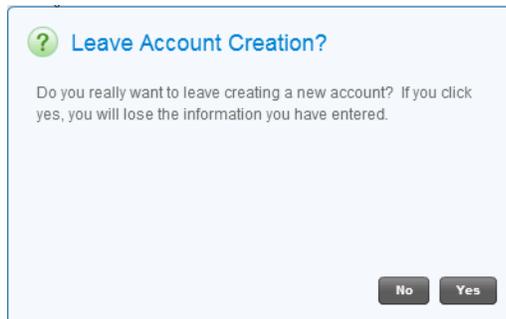


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
The sign in information will be emailed to the email address you provided and mailed to the mailing address you provided.	<code>flexreg.label.signupOthers.newaccount.credentials.both</code>

Leave Account Creation dialog

The following leave account creation dialog is displayed when you attempt to leave the screen while creating a new account.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Leave Account Creation?	flexreg.label.signupOthers.leave.confirm.title=
Do you really want to leave creating a new account? If you click yes, you will lose the information you have entered.	flexreg.label.signupOthers.leave.confirm.message

People who can register you

This tab allows you to view the relationships to the people who can register you.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Last Name	flexreg.label.profile.relationship.management.grid.firstName
First Name	flexreg.label.profile.relationship.management.grid.lastName
Relationship	flexreg.label.profile.relationship.management.grid.relationship

Field/Text	Key (strings.properties)
Status	flexreg.label.profile.relationship.management.grid.status
Enabled	flexreg.label.profile.relationship.management.grid.status.enabled
Disabled	flexreg.label.profile.relationship.management.grid.status.disabled

Progress bar

The progress bar indicates the registration checkout process. There are four steps that indicate where the user is in the checkout process.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Options	flexreg.registration.progressbar.step1
Review	flexreg.registration.progressbar.step2
Payment	flexreg.registration.progressbar.step3
Finished	flexreg.registration.progressbar.step4

Assign Students to Classes screen

The following Assign Students to Classes screen is for group registration to assign students to classes.

elucian UNIVERSITY Harry Smith | Sign Out | Help

Home | Schedule Builder | Manage Registration | Saved Plans | My Profile

Options | Review | Payment | Finished

Assign Students To Classes

To assign students to classes, click on a class on the left and then select the students from the Students You Can Register list on the right who you wish to take that class. If the person you are trying to register is not yet a student, click the Create new account button at the bottom to create the new student. If the person is already a student, but not listed on the right, you will need to call the Institution to have them added to your account. If you wish to go back and add another class, you can click the Back to schedule builder button to add another class. Once you have completed assigning students to the class(es), click the Continue registration button to continue the check out process.

Schedule				Students You Can Register	
ENGL 4001 1-English 201221 10017				English 201221 10017	
CRN: 10017	Fees: \$130.00	Quantity: 2	<input type="button" value="Select"/>	<input checked="" type="checkbox"/> Select All	
Instructor: Eubanks, William	Term: Winter 2011/2012	Campus: Main	<input type="button" value="Details"/>	<input checked="" type="checkbox"/> Harry Smith	
Dec 16, 2011 - Mar 15, 2012	Type: Lecture	Seats: 0	<input type="button" value="Remove"/>	<input checked="" type="checkbox"/> Registrar User1	
	11:00 AM-11:50 AM				
MATH 5001 3-Mathematics 201221 10007					
CRN: 10007	Fees: \$130.00	Quantity: 0	<input type="button" value="Select"/>		
Instructor: Clark, Candace	Term: Winter 2011/2012	Campus: Main	<input type="button" value="Details"/>		
Dec 16, 2011 - Mar 15, 2012	Type: Lecture	Seats: 0	<input type="button" value="Remove"/>		
	1:00 PM-1:50 PM				

elucian UNIVERSITY Harry Smith | Sign Out | Help

Home | Schedule Builder | Manage Registration | Saved Plans | My Profile

Options | Review | Payment | Finished

Assign Students To Classes

To assign students to classes, click on a class on the left and then select the students from the Students You Can Register list on the right who you wish to take that class. If the person you are trying to register is not yet a student, click the Create new account button at the bottom to create the new student. If the person is already a student, but not listed on the right, you will need to call the Institution to have them added to your account. If you wish to go back and add another class, you can click the Back to schedule builder button to add another class. Once you have completed assigning students to the class(es), click the Continue registration button to continue the check out process.

Schedule				Students You Can Register	
ENGL 4001 1-English 201221 10017				English 201221 10017	
CRN: 10017	Fees: \$130.00	Quantity: 0	<input type="button" value="Select"/>		
Instructor: Eubanks, William	Term: Winter 2011/2012	Campus: Main	<input type="button" value="Details"/>		
Dec 16, 2011 - Mar 15, 2012	Type: Lecture	Seats: 0	<input type="button" value="Remove"/>		
	11:00 AM-11:50 AM				
MATH 5001 3-Mathematics 201221 10007					
CRN: 10007	Fees: \$130.00	Quantity: 0	<input type="button" value="Select"/>		
Instructor: Clark, Candace	Term: Winter 2011/2012	Campus: Main	<input type="button" value="Details"/>		
Dec 16, 2011 - Mar 15, 2012	Type: Lecture	Seats: 0	<input type="button" value="Remove"/>		
	1:00 PM-1:50 PM				

Class assignment error

There are no students selected for a class in your cart. Please assign a student to the class or remove the class from your cart before proceeding.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Assign Students To Classes	flexreg.learnerclassconnector. pageTitle
To assign students to classes, click on a class on the left and then select the students from the Students You Can Register list on the right who you wish to take that class. If the person you are trying to register is not yet a student, click the Create new account button at the bottom to create the new student. If the person is already a student, but not listed on the right, you will need to call the Institution to have them added to your account. If you wish to go back and add another class, you can click the Back to schedule builder button to add another class. Once you have completed assigning students to the class(es), click the Continue registration button to continue the check out process.	flexreg.learnerclassconnector. pageDescription
Schedule	flexreg.learnerclassconnector. classList.columnHeader
Students You Can Register	flexreg.learnerclassconnector. studentList.columnHeader
Select All	flexreg.learnerclassconnector. action.selectAllDeselectAll
Create new account	flexreg.learnerclassconnector. action.createStudent
Continue registration	flexreg.learnerclassconnector. action.continue
Back to schedule builder	flexreg.learnerclassconnector. action.back
is currently selected.	flexreg.learnerclassconnector. studentList.acc.selectedPhrase
is currently not selected.	flexreg.learnerclassconnector. studentList.acc.NotSelectedPhrase
{1} {0}	flexreg.learnerclassconnector. studentList.name

Field/Text	Key (strings.properties)
Select	<code>flexreg.learnerclass.btn.select</code>
Click to select this class to assign students	<code>flexreg.learnerclass.btn.select.tooltip</code>
Quantity:	<code>flexreg.learnerclass.quantity</code>
There are no classes in your Schedule Builder. Click the Back to schedule builder button to add more classes.	<code>flexreg.learnerclass.classList.emptyMessage</code>
There are no students selected for a class in your cart. Please assign a student to the class or remove the class from your cart before proceeding.	<code>flexreg.learnerclassconnector.error.noStudentsSelected</code>

Class Options screen

The Class Registration Options screen displays available options that can be specified before registration, such as additional materials.

The screenshot displays the 'Class Options' screen in the Banner Flexible Registration 8.6 system. At the top, the navigation bar includes 'ellucian UNIVERSITY' and user options like 'Rorry Altmann | Sign Out | Help'. Below the navigation bar, a progress bar shows the current step as 'Options', with 'Review', 'Payment', and 'Finished' as subsequent steps. The main content area is titled 'Class Options' and includes a sub-header: 'Classes in your cart have additional class options that you can select as a part of the registration process. Select additional options now or you can make no selection and continue by clicking the Continue with the registration button.'

There are two class entries listed:

- MATH 5001 2 | Mathematics 201221 10006** (CRN: 10006, Term: Winter 2011/2012, Instructor: Rorry Altmann)
 - Select all Additional Materials
 - HP Business Calculator (Section Override) - \$178.89
 - notebook (From SFARAIMAT) - \$0.00
 - Apple Airbook (Course Override) - \$499.99
- MATH 5001 3 | Mathematics 201221 10007** (CRN: 10007, Term: Winter 2011/2012, Instructor: Rorry Altmann)
 - Apple Airbook (Course Override) - \$499.99

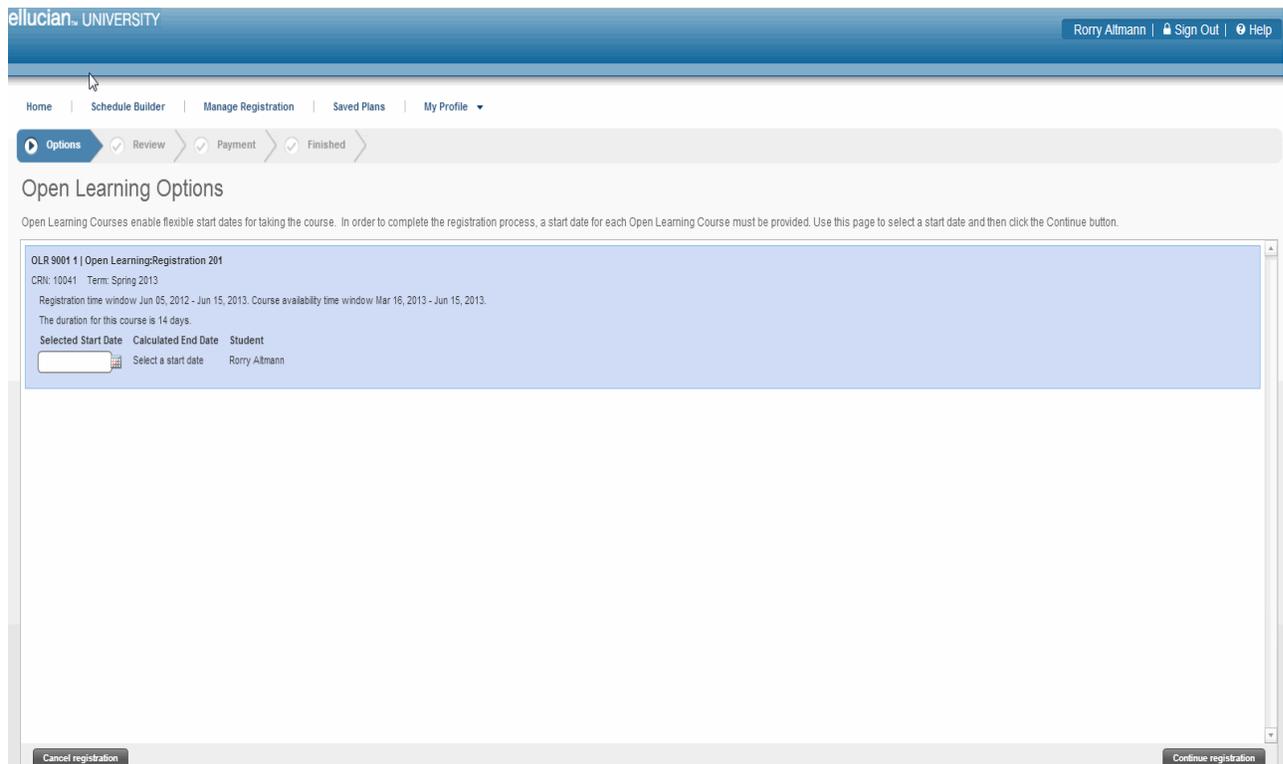
At the bottom of the screen, there are buttons for 'Cancel registration' and 'Continue registration'.

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Class Options	<code>flexreg.courseoptions.title</code>
Classes in your cart have additional class options that you can select as a part of the registration process. Select additional options now or you can make no selection and continue by clicking the Continue with the registration button.	<code>flexreg.courseoptions.pageDescription</code>
{0} {1}	<code>flexreg.courseoptions.learnerName</code>
Select all Additional Materials	<code>flexreg.courseoptions.selectAll.additionalMaterials</code>
Delimiter in title ()	<code>flexreg.label.section.displayWithTitle</code>
Example: SCUB 3002 1 Scuba Diving 201111 10145	Refers to the delimiter () character. The rest of the text is generated by the application.
Class options	<code>flexreg.courseoptions.renderer.courseOptions</code>
CEU hours	<code>flexreg.label.sectionUtils.ceuHours</code> Depending on the configuration of the section, this key could also be <code>flexreg.label.sectionUtils.creditHours</code> , which displays a value of “Credit hours”.
Grade mode	<code>flexreg.courseoptions.renderer.gradeMode</code>
Course level	<code>flexreg.courseoptions.renderer.gradeLevel</code>
Additional materials	<code>flexreg.courseoptions.renderer.materials</code>
Cancel registration	<code>flexreg.checkout.common.btn.cancel</code>
Continue registration	<code>flexreg.courseoptions.actions.btn.ok</code>

Open Learning Options screen

The Open Learning Options screen allows you to provide a start date for each open learning course.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Open Learning Options	<code>flexreg.openlearningoptions.title</code>
Open Learning options page. On this page you must select the start dates for all the Open Learning Courses you are registering for.	<code>flexreg.openlearningoptions.acc</code>
Open Learning Courses enable flexible start dates for taking the course. In order to complete the registration process, a start date for each Open Learning Course must be provided. Use this page to select a start date and then click the Continue button.	<code>flexreg.openlearningoptions.pageDescription</code>
Select a start date for:	<code>flexreg.openlearningoptions.selectDate</code>

Field/Text	Key (strings.properties)
Optional: Select a default start date for all the students in this class, or select separate start dates by student.	<code>flexreg.openlearningoptions.selectAllDate</code>
Selected Start Date	<code>flexreg.openlearningoptions.section.startDate</code>
Calculated End Date	<code>flexreg.openlearningoptions.section.endDate</code>
A start date is required for this course.	<code>flexreg.openlearningoptions.section.startDate.error</code>
Student	<code>flexreg.openlearningoptions.section.learner</code>
Continue registration	<code>flexreg.openlearningoptions.actions.btn.ok</code>

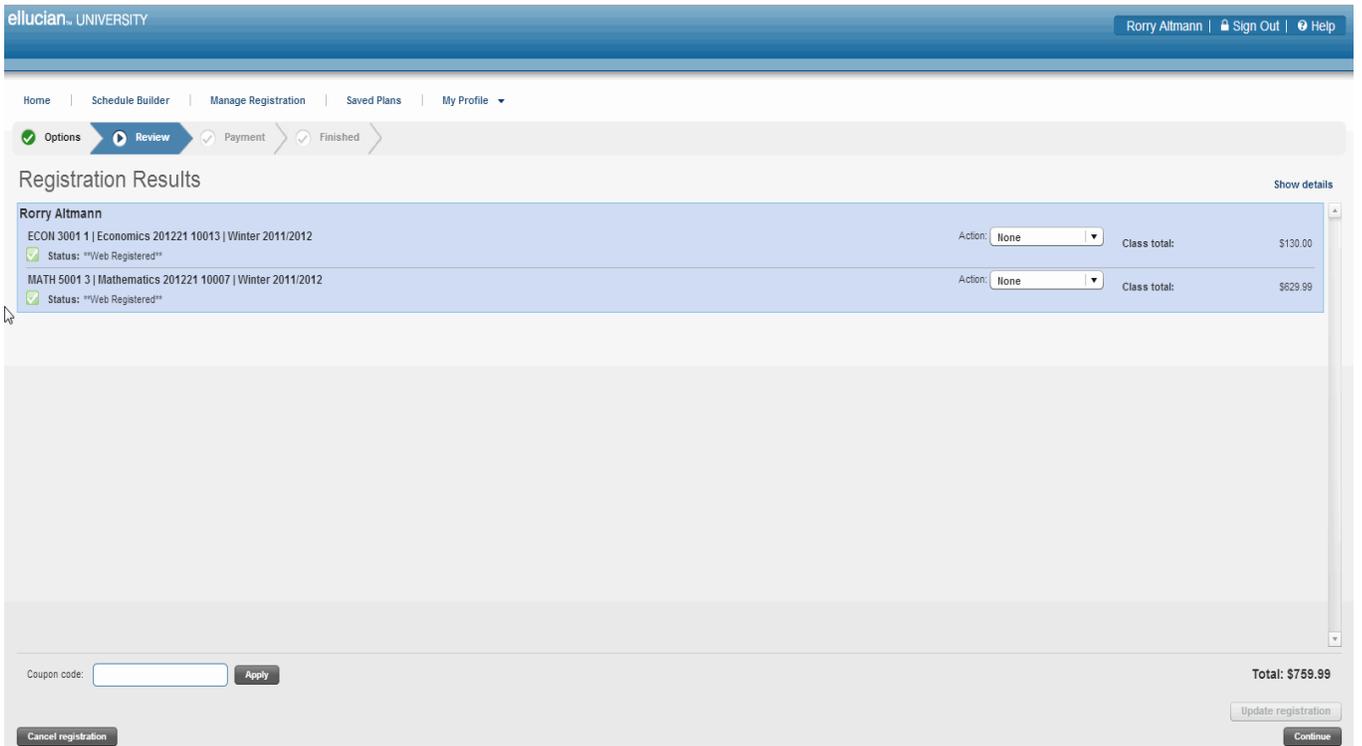
Registration Results screen

The Registration Results screen has two views:

- list of registered sections
- details for registered sections

Registration Results List screen

The Registration Results List screen displays a list of registered sections with the student name and fee information.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Registration Results	<code>flexreg.regresults.title</code>
Show details	<code>flexreg.regresults.btn.showDetails</code> When the list view is displayed, this key will be <code>flexreg.regresults.btn.showDetails</code> . However, when the details view is displayed, this key will be <code>flexreg.regresults.btn.hideDetails</code> .
Delimiter in title () Example: SCUB 3001 1 Scuba Diving 201111 10129 Fall 2010	<code>flexreg.label.section.displayWithTitle</code> Refers to the delimiter () character between the course section and the course name, 3001 1 Scuba Diving. The rest of the text is generated by the application.

Field/Text	Key (strings.properties)
Delimiter in title () Example: SCUB 3001 1 Scuba Diving 201111 10129 Fall 2010	<pre>flexreg.regresults.section.renderer. separator</pre> <p>Refers to the delimiter () character between the course number and the term description, 10129 Fall 2010. This is the same character as above but with a different key. The rest of the text is generated by the application.</p>
Action	<pre>flexreg.regresults.section.renderer.action</pre>
None	<pre>flexreg.regresults.action.none</pre>
Class total	<pre>flexreg.regresults.section.renderer. totalCharges</pre>
Colon (:) for label	<pre>flexreg.label.colon</pre> <p>This is a separate key for the colon (:).</p>
Status	<pre>flexreg.regresults.section.renderer.status</pre>
Coupon code	<pre>flexreg.regresults.label.coupon</pre>
Apply	<pre>flexreg.regresults.btn.coupon</pre>
Total	<pre>flexreg.regresults.total</pre> <p>This key is for the label only and not the actual amount.</p>
Cancel registration	<pre>flexreg.checkout.common.btn.cancel</pre>
Update registration	<pre>flexreg.regresults.btn.update</pre>
Continue	<pre>flexreg.regresults.btn.next</pre>

Registration Results Details screen

The Registration Results Details screen displays details for the registered sections.

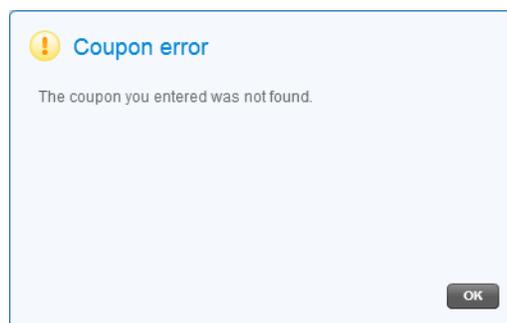
The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the registration results list screen.

Field/Text	Key (<code>strings.properties</code>)
Hide Details	<code>flexreg.regresults.btn.hideDetails</code> When the details view is displayed, this key will be <code>flexreg.regresults.btn.hideDetails</code> . However, when the list view is displayed, this key will be <code>flexreg.regresults.btn.showDetails</code> .
CRN	<code>flexreg.regresults.section.renderer.crn</code>
Schedule type	<code>flexreg.regresults.section.renderer.scheduleType</code>
Date/Time	<code>flexreg.regresults.section.renderer.dateTime</code>

Field/Text	Key (strings.properties)
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
CEU hours	<code>flexreg.label.sectionUtils.ceuHours</code>
Decimal (.) in CEU hours	<code>uicommon.framework.sharedResources.decimalSeparatorTo</code> Refers to the decimal (.) character.
Grade mode	<code>flexreg.regresults.section.renderer.gradeMode</code>
Course level	<code>flexreg.regresults.section.renderer.gradeLevel</code>
Colon (:) for label	<code>flexreg.label.colon</code> This is a separate key for the colon (:).

Coupon Error dialog

The coupon error dialog will display if there is a problem processing a given coupon.



The following text items are retrieved from the `strings.properties` file and can be modified.

The following text items may display depending on the coupon error that could occur. These items can be modified.

Field/Text	Key (strings.properties)
Coupon error	flexreg.regresults.coupon.error.title
Please enter a coupon.	flexreg.regresults.coupon.error.none
The coupon you entered is expired.	flexreg.regresults.coupon.error.expired
The coupon you entered is inactive.	flexreg.regresults.coupon.error.inactive
The coupon you entered is not applicable to your registration. It will not be applied.	flexreg.regresults.coupon.error.na
The coupon you entered was not found.	flexreg.regresults.coupon.error.missing
An error occurred while trying to process your coupon. Please try again later.	flexreg.regresults.coupon.error.general
The Coupon you have entered can no longer be used.	flexreg.regresults.coupon.error.usagelimit
This coupon has exceeded its allowable usage during the application of this coupon. One or more students could not receive the coupon. Click the "Show details" link in the upper right to view which students have received the coupon.	flexreg.regresults.coupon.error.usagelimit.group
The Coupon you have entered has already been applied.	flexreg.regresults.coupon.error.alreadyApplied

Upload Attachment screen

If there are any attachments available for the registered section, clicking the **Continue** button in the Registration Results page will display the attachment window.

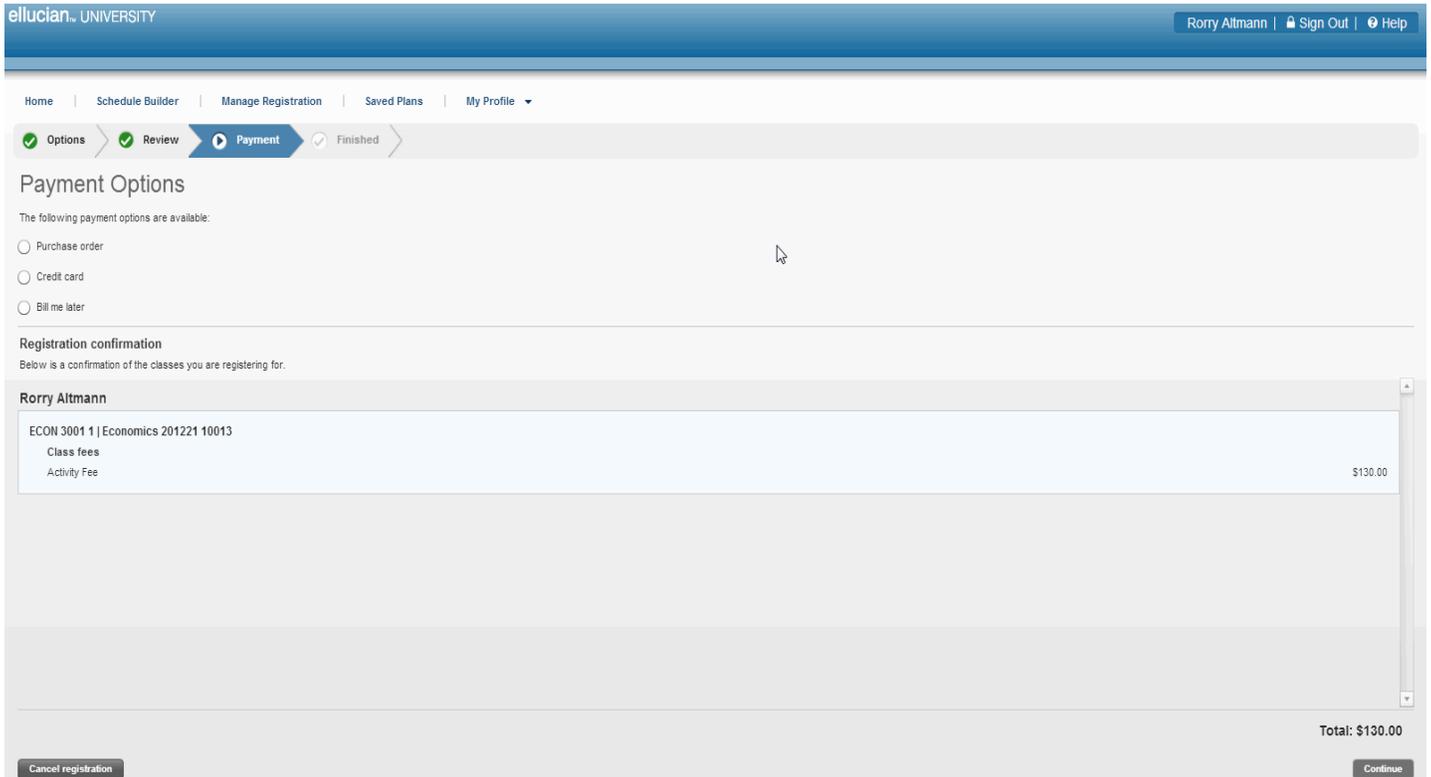
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Upload Attachment	<code>flexreg.attachment.title</code>
Below is a list of attachments by class. Templates can be downloaded by clicking on the attachment links. The file to be attached can be selected using the Browse/Choose File button and can be uploaded using the Upload File button. It is important to note that once an attachment is uploaded, it cannot be removed.	<code>flexreg.attachment.generaltext</code>
Upload File	<code>flexreg.attachment.uploadButtonText</code>
Continue	<code>flexreg.attachment.continueRegistrationText</code>
Back to registration results	<code>flexreg.attachment.cancel</code>
Not uploaded	<code>flexreg.attachment.notUploadedStatusText</code>
File Already Uploaded	<code>flexreg.attachment.alreadyUploadedStatusText</code>

Field/Text	Key (strings.properties)
File Successfully Uploaded	<code>flexreg.attachment.uploadSuccessText</code>
File Upload Failed	<code>flexreg.attachment.uploadFailureText</code>
You must first select a file to upload.	<code>flexreg.attachment.empty.file</code>
Status\:	<code>flexreg.attachment.status</code>
Unexpected error during upload. Upload failed. Please try again.	<code>flexreg.attachment.unexpected.error</code>
Upload in progress, please wait...	<code>flexreg.attachment.wait</code>

Payment Options screen

The Payment Options screen provides choices for payment for registered classes. When the *Bill me later* payment option is selected, the Final Invoice screen is automatically displayed.



The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Registration Results List screen and the Registration Results Details screen.

Field/Text	Key (<code>strings.properties</code>)
Payment Options	<code>flexreg.paymentoptions.title</code>
The following payment options are available:	<code>flexreg.paymentoptions.available</code>
Purchase order	<code>flexreg.paymentoptions.option.purchaseOrder</code>
Credit card	<code>flexreg.paymentoptions.option.ppc</code>
Bill me later	<code>flexreg.paymentoptions.option.bill</code>
Registration confirmation	<code>flexreg.paymentoptions.confirm.title</code>
Below is a confirmation of the classes you are registering for.	<code>flexreg.paymentoptions.confirm.desc</code>

Field/Text	Key (strings.properties)
Cancel registration	<code>flexreg.checkout.common.btn.cancel</code>
Total	<code>flexreg.paymentoptions.confirm.total</code> This key is for the label only and not the actual amount.
Continue	<code>flexreg.paymentoptions.btn.next</code>
<i>When only a single payment option is available:</i>	
Payment must be made with a credit card. Please proceed to complete payment.	<code>flexreg.paymentoptions.single.option.ppc</code>
Payment must be made through a purchase order. Please proceed to complete payment.	<code>flexreg.paymentoptions.single.option.purchaseOrder</code>
A bill will be mailed for payment of this registration. Please proceed to finalize registration.	<code>flexreg.paymentoptions.single.option.bill</code>

Purchase Order Payment screen

The Purchase Order Payment screen is used when payment for registered classes is by purchase order.

Payment

Purchase Order

Purchase order code:

Cancel registration

Back to payment options

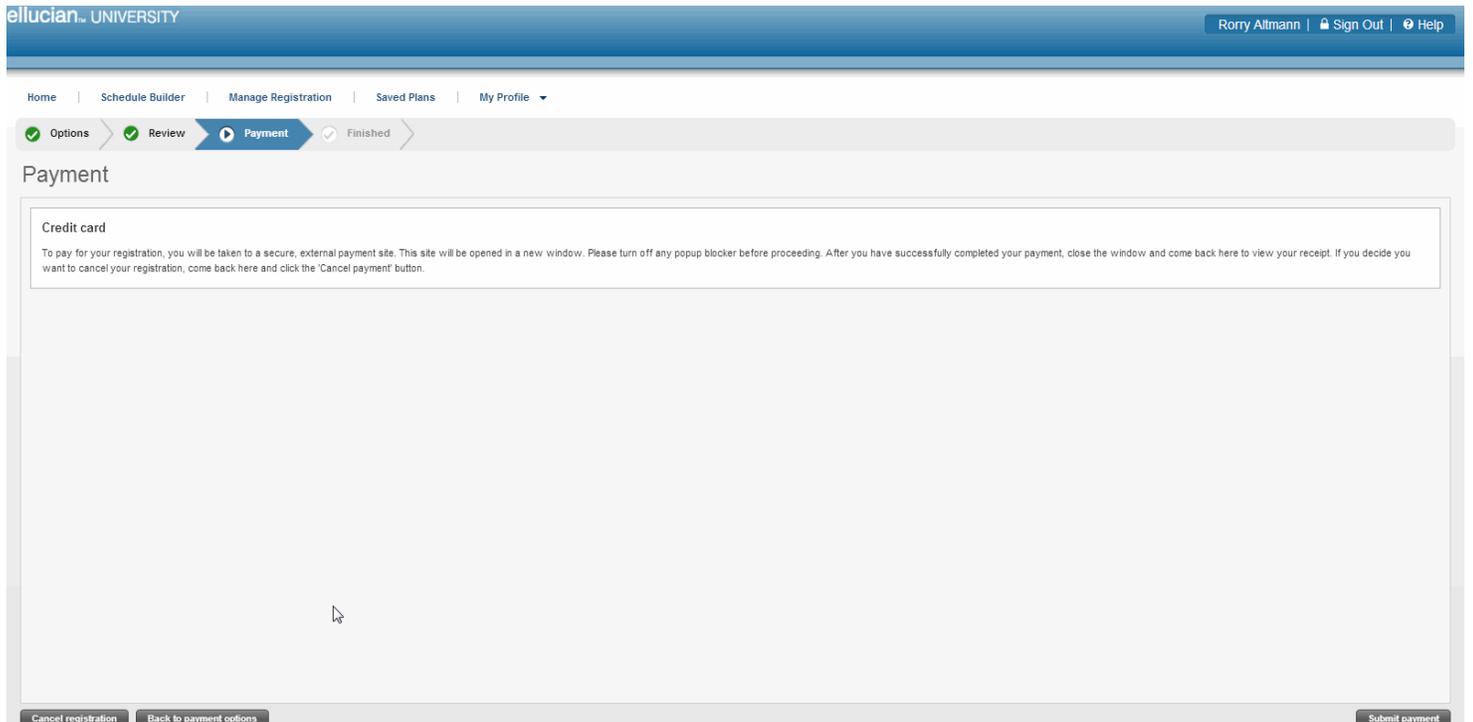
Submit payment

The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Payment	<code>flexreg.payment.title</code>
Purchase Order	<code>flexreg.payment.po.title</code>
Purchase order code	<code>flexreg.payment.po.tbl.input</code>
Cancel registration	<code>flexreg.checkout.common.btn.cancel</code>
Back to payment options	<code>flexreg.payment.btn.back</code>
Submit payment	<code>flexreg.payment.btn.submit</code>

Credit Card Payment screen

The Credit Card Payment screen is used when payment for registered classes is by a credit card.

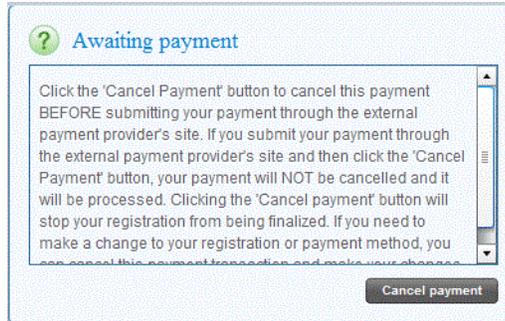


The following text items are retrieved from the `strings.properties` file and can be modified. Fields not specified here have been described for the Purchase Order Payment screen.

Field/Text	Key (<code>strings.properties</code>)
Credit card	<code>flexreg.payment.ppc.title</code>
To pay for your registration, you will be taken to a secure, external payment site. This site will be opened in a new window. Please turn off any popup blocker before proceeding. After you have successfully completed your payment, close the window and come back here to view your receipt. If you decide you want to cancel your registration, come back here and click the “Cancel payment” button.	<code>flexreg.payment.ppc.instructions</code>

Credit Card Awaiting Payment dialog

The Credit Card Awaiting Payment dialog displays instructions for using the credit card payment method. The credit card payment process can be cancelled from this screen.

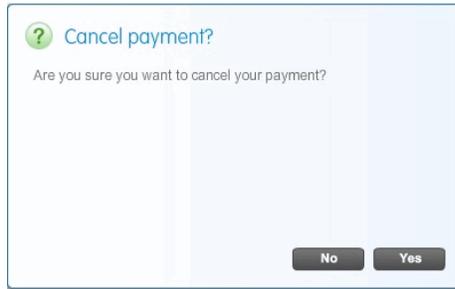


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Awaiting payment	<code>flexreg.payment.ppc.cancel.title</code>
Click the 'Cancel Payment' button to cancel this payment BEFORE submitting your payment through the external payment provider's site. If you submit your payment through the Payment Processor Connection site and then click the 'Cancel Payment' button, your payment will NOT be cancelled and it will be processed. Clicking the 'Cancel payment' button will stop your registration from being finalized. If you need to make a change to your registration or payment method, you can cancel this payment transaction and make your changes.	<code>flexreg.payment.ppc.cancel.body</code> This key is used for the text body in this screen.
Cancel payment	<code>flexreg.payment.ppc.cancel.btn</code>

Credit Card Payment Cancellation Confirmation dialog

The Credit Card Payment Cancellation Confirmation dialog is displayed when the **Cancel payment** button is selected, and the current external payment process is cancelled.

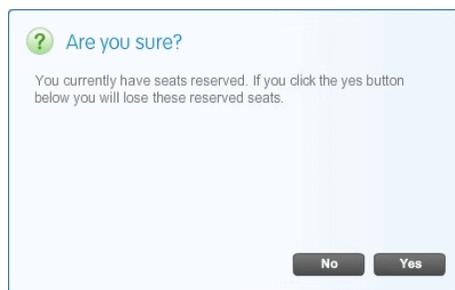


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Cancel payment?	<code>flexreg.payment.ppc.cancel.confirm.title</code>
Are you sure you want to cancel your payment?	<code>flexreg.payment.ppc.cancel.confirm.body</code>
No	<code>em.uishell.common.label.no</code>
Yes	<code>em.uishell.common.label.yes</code>

Registration Cancellation Confirmation dialog

The Registration Cancellation Confirmation dialog is displayed when the **Cancel registration** button is selected from the Registration Results screen, the Payment Options screen, or any other payment screens.

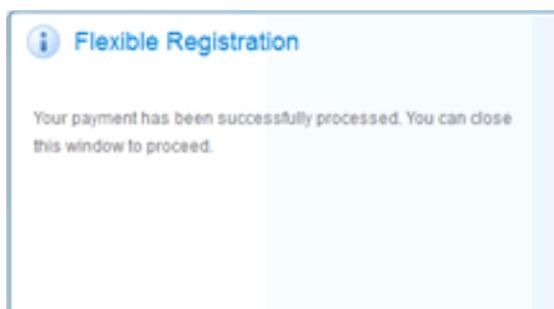


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Are you sure?	flexreg.regresults.modal.seatwarning.title
You currently have seats reserved. If you click the Yes button below you will lose these reserved seats.	flexreg.regresults.modal.seatwarning.body
No	em.uishell.common.label.no
Yes	em.uishell.common.label.yes

PCI Payment Success page

If the payment was successful, the following confirmation message is displayed.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Flexible Registration Payment Success	flexreg.ppcpayment.success.pageTitle
Flexible Registration	flexreg.ppcpayment.success.messageTitle
Your payment has been successfully processed. You can close this window to proceed.	flexreg.ppcpayment.success.message

PCI Payment Failure page

If the payment was not successful, the following message is displayed.



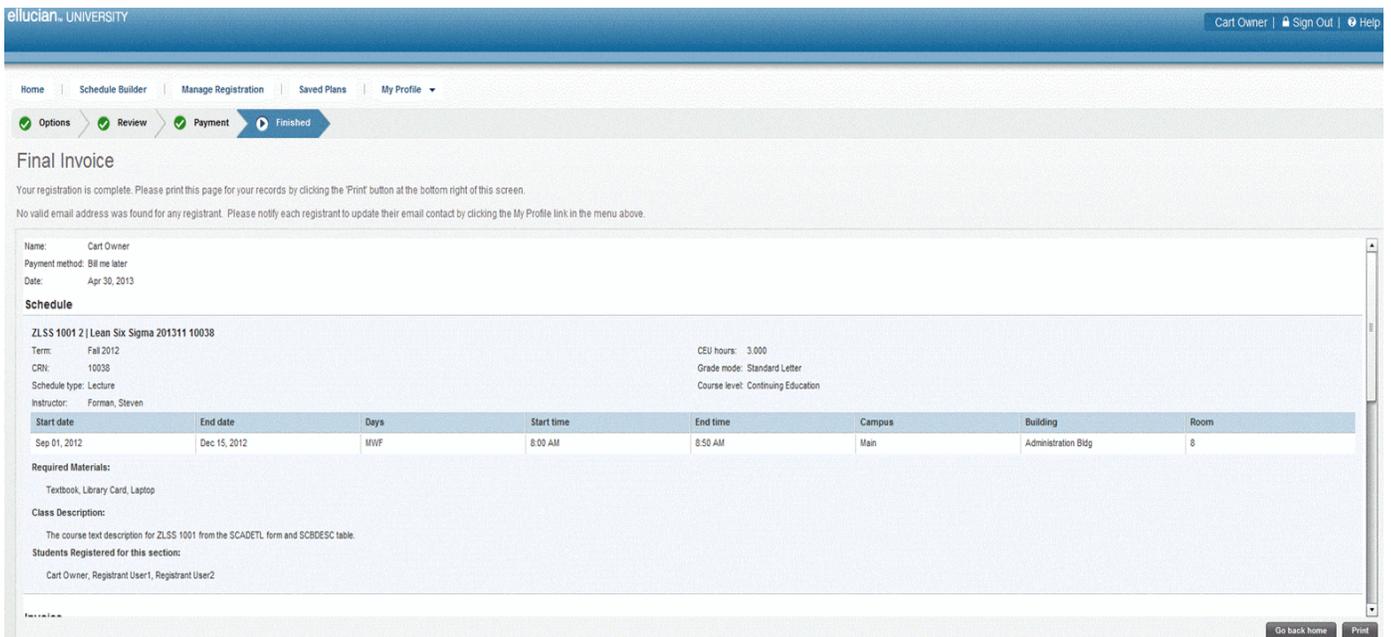
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Flexible Registration Payment Failure	<code>flexreg.ppcpayment.failure.pageTitle</code>
Flexible Registration	<code>flexreg.ppcpayment.failure.messageTitle</code>
There has been a failure in the payment process while processing your payment	<code>flexreg.ppcpayment.failure.message</code>

Final Invoice screen

The Final Invoice screen is the final screen in the payment process. This screen is depicted in two screen shots to capture all the fields.

The first screen shot is as follows:



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Final Invoice	<code>flexreg.finalinvoice.title</code>
Your registration is complete. Please print this page for your records by clicking the 'Print' button at the bottom right of this screen.	<code>flexreg.label.user.notification.email.default</code>
There is no valid email to send you a confirmation of your registration. Please update your email contact by clicking the My Profile link in the menu above.	<code>flexreg.label.user.notification.email.notFound</code>
An email confirmation has been sent to the email account provided.	<code>flexreg.label.user.notification.email.sent</code> This value is displayed in place of the value for the <code>flexreg.label.user.notification.email.notFound</code> key if the user has specified an email address in their profile information.

Field/Text	Key (strings.properties)
An email confirmation has been sent to all registrants with an email account on file.	<code>flexreg.label.user.notification.email.group.registrant</code>
No valid email address was found for any registrant. Please notify each registrant to update their email contact by clicking the My Profile link in the menu above.	<code>flexreg.label.user.notification.email.group.registrant.notFound</code>
No valid email was found for the cart owner. Please update the cart owner's email contact by clicking the My Profile link in the menu above.	<code>flexreg.label.user.notification.email.group.cartOwner.notFound</code>
An email confirmation has been sent to the cart owner's email account provided.	<code>flexreg.label.user.notification.email.group.cartOwner.</code>
Name	<code>flexreg.finalinvoice.payment.name</code>
Payment method	<code>flexreg.finalinvoice.payment.method</code>
Payment method description, such as "Bill me later".	<code>flexreg.paymentoptions.option.bill</code> This key corresponds to the type of payment selected on the Payment Options screen.
Date	<code>flexreg.finalinvoice.payment.date</code>
Schedule	<code>flexreg.finalinvoice.schedule.title</code>
Delimiter in title () Example: SCUB 3001 1 Scuba Diving 201111 10129 Fall 2010	<code>flexreg.label.section.displayWithTitle</code> Refers to the delimiter () character between the course section and the course name, 3001 1 Scuba Diving. The rest of the text is generated by the application.
Term	<code>flexreg.regresults.section.renderer.term</code>
CRN	<code>flexreg.regresults.section.renderer.crn</code>
Schedule type	<code>flexreg.regresults.section.renderer.scheduleType</code>
Instructor	<code>flexreg.finalinvoice.schedule.instructor</code>

Field/Text	Key (strings.properties)
CEU hours	<code>flexreg.label.sectionUtils.ceuHours</code>
Decimal (.) in CEU hours	<code>uicommon.framework.sharedResources. decimalSeparatorTo</code> Refers to the decimal (.) character.
Grade mode	<code>flexreg.regresults.section.renderer. gradeMode</code>
Course level	<code>flexreg.regresults.section.renderer. gradeLevel</code>
Start date	<code>flexreg.finalinvoice.schedule.startDate</code>
End date	<code>flexreg.finalinvoice.schedule.endDate</code>
Days	<code>flexreg.finalinvoice.schedule.days</code>
Start time	<code>flexreg.finalinvoice.schedule.startTime</code>
End time	<code>flexreg.finalinvoice.schedule.endTime</code>
Campus	<code>flexreg.finalinvoice.schedule.campus</code>
Building	<code>flexreg.finalinvoice.schedule.building</code>
Room	<code>flexreg.finalinvoice.schedule.room</code>
Required Materials:	<code>flexreg.finalinvoice.invoice. requiredMaterials</code>
Class Description:	<code>flexreg.finalinvoice.invoice.classDesc</code>
Students {0} for this section:	<code>flexreg.finalinvoice.schedule.studentlist</code>
Registered	<code>flexreg.finalinvoice.registration. status.R</code>
Waitlisted	<code>flexreg.finalinvoice.registration. status.L</code>
with no status type	<code>flexreg.finalinvoice.registration. status.null</code>

Field/Text	Key (strings.properties)
Dropped	flexreg.finalinvoice.registration.status.D Note: Dropped may never be displayed, but it has been added here to be thorough.
Withdrawn	flexreg.finalinvoice.registration.status.W Note: Withdrawn may never be displayed, but it has been added here to be thorough.

The second screen shot is as follows:

Field/Text	Key (strings.properties)
Invoice	flexreg.finalinvoice.invoice.title This key is for the label only and not the actual invoice number.
Class fees	flexreg.finalinvoice.invoice.fees
{0} activity	flexreg.finalinvoice.termActivity
{0} {1}	flexreg.finalinvoice.userName

Field/Text	Key (strings.properties)
Total	<code>flexreg.label.total</code> This key is for the label only and not the actual amount.
Payment for this cart:	<code>flexreg.finalinvoice.invoice.paymentAmount</code>
Go back home	<code>flexreg.finalinvoice.btn.home</code>
Print	<code>flexreg.finalinvoice.btn.print</code>

Manage Registration screen

The Manage Registration screen is used to maintain registered classes. This screen has two views:

- Courses to be Managed screen
- No Registration screen

Courses to be Managed screen

The first view shows the courses to be managed.

Manage Registration

ECON 3001 1 | Economics 201221 10013

Term: Winter 2011/2012
 CRN: 10013
 Schedule type: Lecture
 Campus: Main
 Meetings: M/W/F 11:00 AM-11:50 AM

Status: **Web Registered** on Aug 13, 2012
 Action:
 Credit Hours: 3.000
 Grade Mode: Standard Letter
 Course Level: Continuing Education

SCUB 7001 1 | Scuba Diving 201231 10001

Term: Spring 2012
 CRN: 10001
 Schedule type: Lecture
 Campus: Main
 Meetings: M/W/F 3:00 PM-3:50 PM

Status: **Web Registered** on Aug 13, 2012
 Action:
 Credit Hours: 3.000
 Grade Mode: Standard Letter
 Course Level: Continuing Education

ECON 3001 3 | Economics 201231 10015

Term: Spring 2012

Status: **Web Registered** on Aug 13, 2012

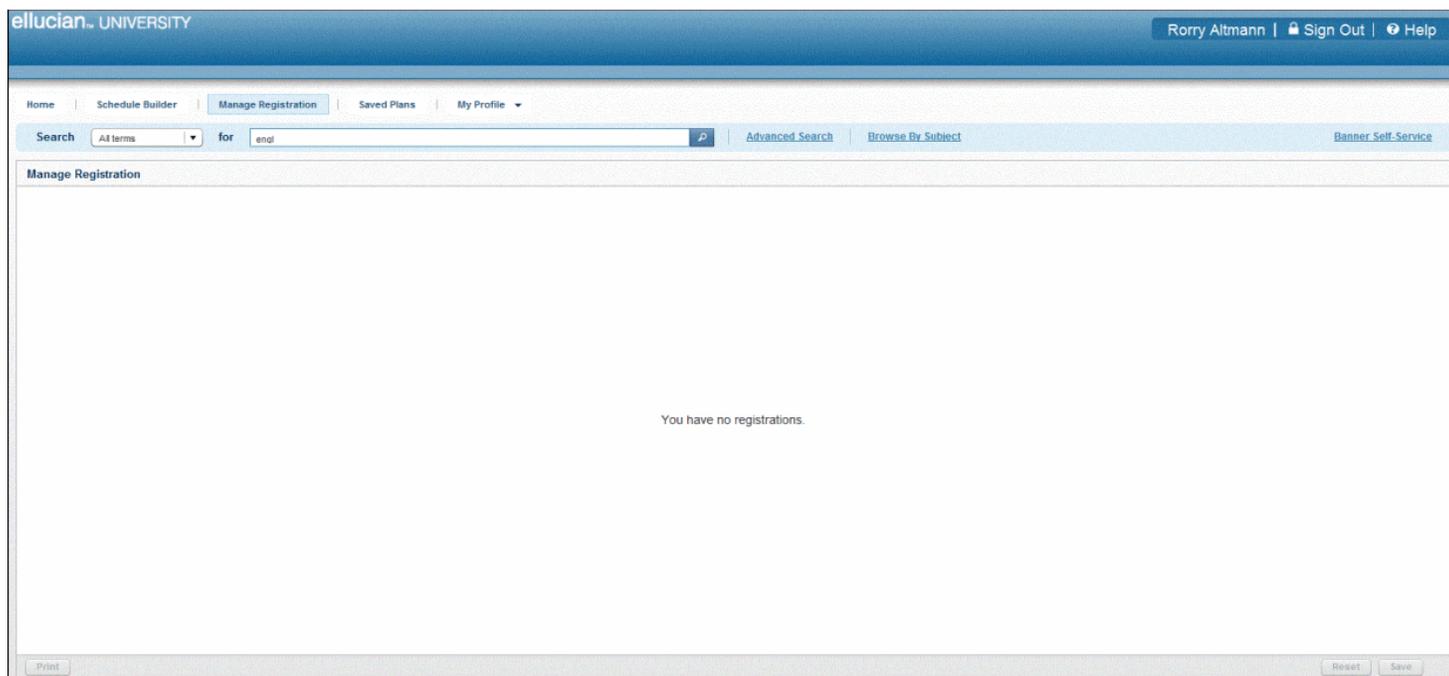
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Manage Registration	<code>flexreg.label.manageRegistration</code>
Delimiter in title () Example: SCUB 3001 1 Scuba Diving 201111 10129 Fall 2010	<code>flexreg.label.section.displayWithTitle</code> Refers to the delimiter () character between the course section and the course name, 3001 1 Scuba Diving. The rest of the text is generated by the application.
Term	<code>flexreg.label.term</code>
CRN	<code>flexreg.label.CRN</code>
Schedule type	<code>flexreg.advsearch.scheduleType</code>
Campus	<code>flexreg.schedule.campus</code>
Meetings	<code>flexreg.schedule.meetings</code>

Field/Text	Key (strings.properties)
Start Date	<code>flexreg.schedule.olrStartDate</code>
Completion Date	<code>flexreg.schedule.olrCompletionDate</code>
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
Status	<code>flexreg.label.status</code>
Text “on” in phrase “Web Registered on March 31, 2010”	<code>flexreg.label.on</code> This only refers to the word “on” and not the surrounding text.
Action	<code>flexreg.label.action</code>
None in pulldown list	<code>flexreg.label.none</code>
Credit Hours	<code>flexreg.label.creditHours</code>
Decimal (.) in Credit Hours	<code>uicommon.framework.sharedResources.decimalSeparatorTo</code> Refers to the decimal (.) character.
Grade Mode	<code>flexreg.label.gradeMode</code>
Course Level	<code>flexreg.label.courseLevel</code>
Print	<code>flexreg.label.print</code>
Reset	<code>flexreg.label.reset</code>
Save	<code>flexreg.label.save</code>

No Registration screen

The second view shows the message displayed when no courses have registration records for the user.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
You have no registrations.	<code>flexreg.label.schedule.list.none.message</code>
Changes successfully completed	<code>flexreg.regresults.changesSuccessfullyCompleted</code>

Saved Plans screen

The Saved Plans screen is used to save a schedule as a plan from the Schedule Builder screen. It has two views:

- Saved Plans With a Plan screen
- Saved Plans Without a Plan screen

The following additional dialogs can be displayed from the Saved Plans screen, depending on the result:

- Delete Plan Confirmation dialog
- Copy Plan dialog

- Add from Plan dialog
- Save Plan dialog

Saved Plans With a Plan screen

The Saved Plans With a Plan view displays detail for existing plans.

The screenshot shows the Banner Flexible Registration 8.6 interface. At the top, the user is logged in as 'Rory Allmann'. The navigation menu includes 'Home', 'Schedule Builder', 'Manage Registration', 'Saved Plans', and 'My Profile'. A search bar is set to 'All terms' for 'math'. The main content area is titled 'Saved Plans for Initial SEED catalog'. It displays two plans, Plan A and Plan B. Plan A includes two courses: MATH 5001.1 (Mathematics 201221 10005, Winter 2011/2012, CRN: 10005, M/W/F 11:00 AM-11:50 AM) and MATH 5001.2 (Mathematics 201221 10006, Winter 2011/2012, CRN: 10006, M/W/F 12:00 PM-12:50 PM). Plan B includes one course: MATH 5001.1 (Mathematics 201221 10005, Winter 2011/2012, CRN: 10005, M/W/F 11:00 AM-11:50 AM). Each plan has buttons for '+ Add to Builder', 'Copy', and 'Delete'.

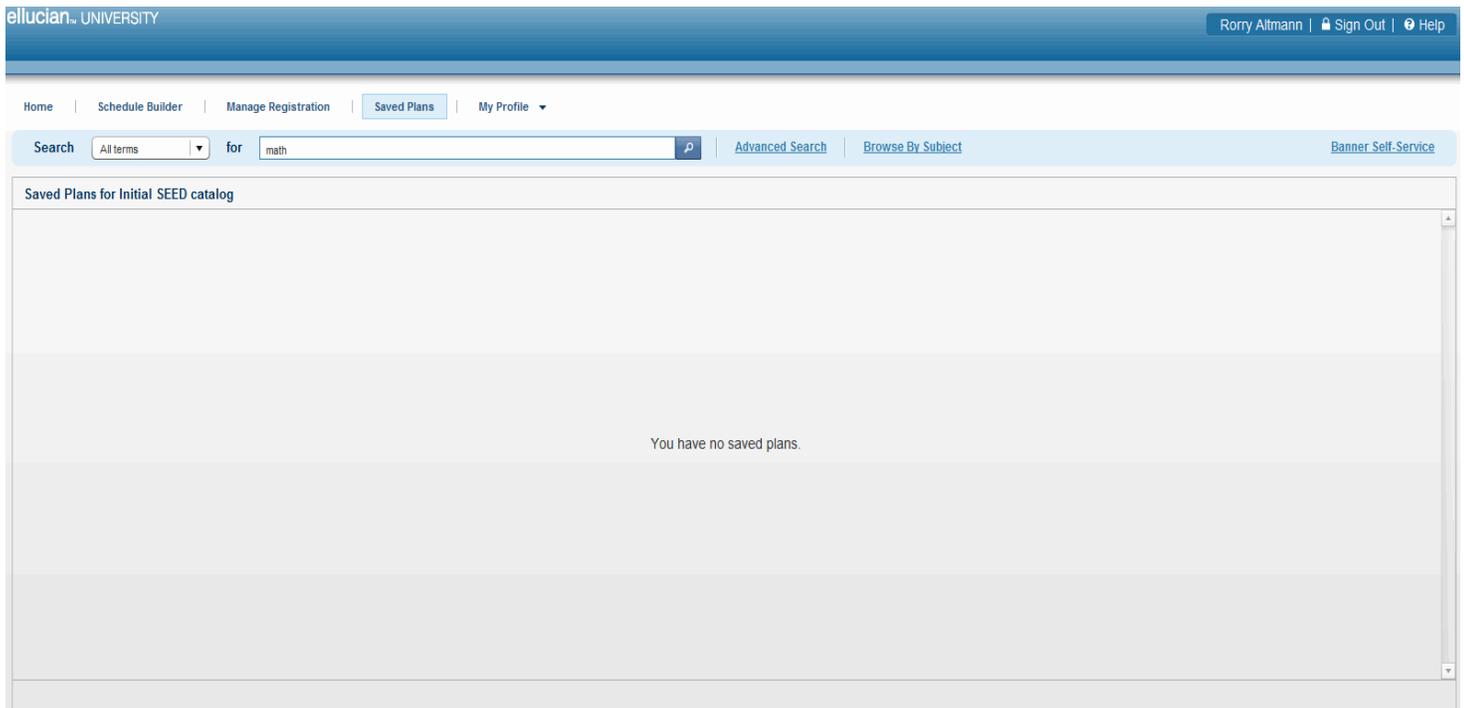
The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (<code>strings.properties</code>)
Saved Plans	<code>flexreg.label.savedPlans</code>
text “for” in “Saved Plans for...”	<code>flexreg.label.for</code> Refers only to the word “for” and not the surrounding text. The catalog name is supplied by the application.
Add to Builder	<code>flexreg.label.addToBuilder</code>
Copy	<code>flexreg.label.copy</code>
Delete	<code>flexreg.label.delete</code>

Field/Text	Key (strings.properties)
CRN	<code>flexreg.searchresults.sort.crn</code>
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to the “Days of the week key list” topic at the end of this chapter.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.

Saved Plans Without a Plan screen

The Saved Plans Without a Plan view displays a message that no plans have been saved. It also displays a message when a plan has been deleted.

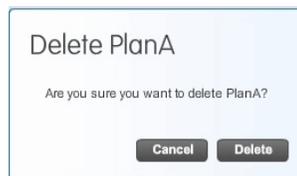


The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
You have no saved plans.	flexreg.label.plan.list.none.message
PlanB deleted successfully	flexreg.label.deletedSuccessfully

Delete Plan Confirmation dialog

The Delete Plan Confirmation dialog is displayed when the **Delete** button is selected on the Saved Plans screen.



The following text items are retrieved from the `strings.properties` file and can be modified.

Field/Text	Key (strings.properties)
Delete	flexreg.label.delete Refers only to the word “Delete” and not the plan name.
Are you sure you want to delete	flexreg.label.delete.conf Refers to the text but does not include the plan name.
?	flexreg.label.questionMark Refers only to the question mark (?) character.
Cancel	flexreg.label.cancel
Delete	flexreg.label.delete

Copy Plan dialog

The Copy Plan dialog has two views that are similar in display:

- copy and replace existing plan
- copy and create new plan

This dialog shows the copy and replace option.



This dialog shows the copy and create new plan option.

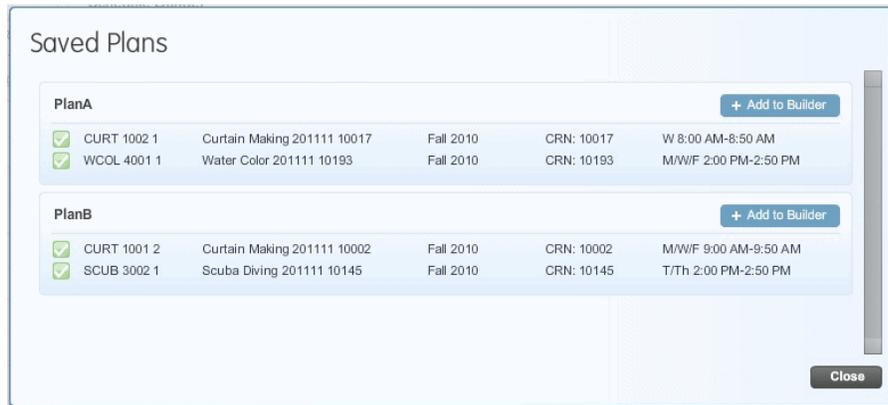


The following text items are retrieved from the `strings.properties` file and can be modified. These apply to both views of the screen.

Field/Text	Key (<code>strings.properties</code>)
Copy	<code>flexreg.label.copy</code> Refers only to the word "Copy" and not the plan name.
Copy of	<code>flexreg.label.copyOf</code> Refers only to the text "Copy of" and not the plan name.
Replace an existing plan?	<code>flexreg.label.replaceExistingPlan</code>
Replace the plan	<code>flexreg.label.replaceThisPlan</code>
Select...	<code>flexreg.label.comboboxPrompt</code>
Cancel	<code>flexreg.label.cancel</code>
Save	<code>flexreg.label.save</code>

Add From Plan dialog

The Add From Plan dialog is displayed from the Schedule Builder screen when saved plans exist for the user, and the **Add From Plan** button is selected. This dialog displays the saved plans and allows classes to be added to a plan using the schedule builder.



The following text items are retrieved from the `strings.properties` file and can be modified. These apply to both views of the screen.

Field/Text	Key (<code>strings.properties</code>)
Saved Plans	<code>flexreg.label.savedPlans</code>
Add to Builder	<code>flexreg.label.addToBuilder</code>
CRN	<code>flexreg.searchresults.sort.crn</code>
(Days of the week class meets) Example: M/W/F	<code>flexreg.searchresults.compact.meetingTime.days</code> Refer to “Days of the week key list” on page 3-120.
(Class time range) Example: 2:00 PM-2:50 PM	<code>flexreg.searchresults.compact.meetingTimeJoin</code> Refers to the hyphen (-) between the two times listed in the search results.
Close	<code>flexreg.label.close</code>

Save Plan dialog

The Save Plan dialog has two views that are similar in display:

- save and replace existing plan
- save and create new plan

This dialog shows the save and replace option.



This dialog shows the save and create new plan option.



The following text items are retrieved from the `strings.properties` file and can be modified. These apply to both views of the dialog.

Field/Text	Key (<code>strings.properties</code>)
Save	<code>flexreg.label.save</code> Refers only to the word “Save”.
Plan	<code>flexreg.label.plan</code> Refers only to the word “Plan”.
Name this plan	<code>flexreg.label.nameThisPlan</code>
Replace an existing plan?	<code>flexreg.label.replaceExistingPlan</code>
Replace the plan	<code>flexreg.label.replaceThisPlan</code>

Field/Text	Key (strings.properties)
Select...	flexreg.label.comboboxPrompt
Cancel	flexreg.label.cancel
Save	flexreg.label.save

Days of the week key list

Here are the keys and values for the Days of the Week that are used on screens throughout the application.

Key (strings.properties)	Value (strings.properties)
flexreg.searchresults.compact.meetingTime.days.M	Monday
flexreg.searchresults.compact.meetingTime.days.T	Tuesday
flexreg.searchresults.compact.meetingTime.days.W	Wednesday
flexreg.searchresults.compact.meetingTime.days.R	Thursday
flexreg.searchresults.compact.meetingTime.days.F	Friday
flexreg.searchresults.compact.meetingTime.days.S	Saturday
flexreg.searchresults.compact.meetingTime.days.U	Sunday

CSS Inspector alert box

The CSS Inspector Alert Box is a popup dialog that displays the CSS style information for a given component. The following are screenshots of the alert box with a table showing the string resource key/value pairs associated with the alert box.

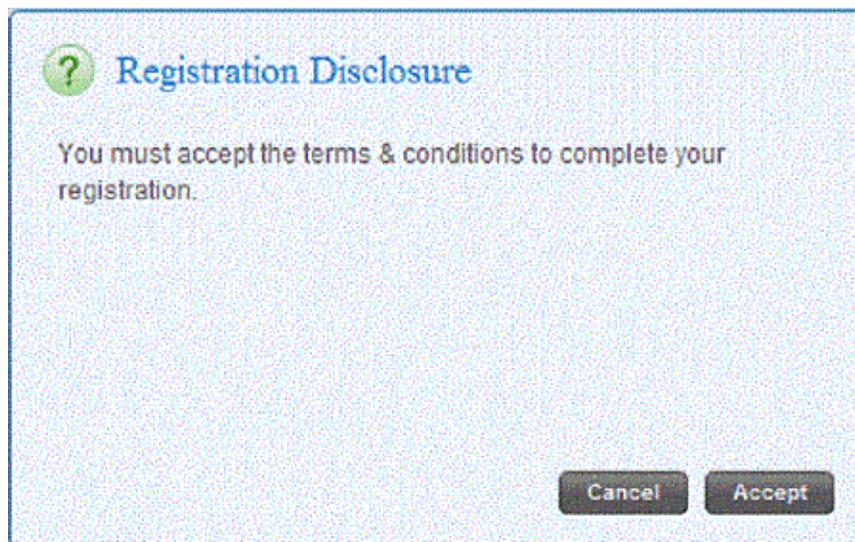


Here are the keys and values for the Alert box displaying CSS style information that are used on screens throughout the application.

Field/Text	Key (strings.properties)
Style Name	flexreg.inspector.stylename
Type Name	flexreg.inspector.classname
Undefined	flexreg.inspector.nullValue

Registration Disclosure dialog box

This is a popup dialog that displays the Registration Disclosure statement before the student proceeds to make payment. The following screenshot illustrates the dialog box.



Here are the keys and values for the dialog box displaying Registration disclosure Information.

Field/Text	Key (strings.properties)
Registration Disclosure	<code>flexreg.label.registration.disclosure.title</code>
You must accept the terms & conditions to complete your registration	<code>flexreg.label.registration.disclosure.text</code>
Cancel	<code>flexreg.label.registration.disclosure.decline</code>
Accept	<code>flexreg.label.registration.disclosure.accept</code>

4 String Resource Management

The `strings.properties` resource file can be customized to modify the Banner Flexible Registration user interface. This chapter discusses the items that comprise the file and how to manage file modifications.

Note

The `strings.properties` file is not included with the string customization documentation. The file can be found in two locations.

It can be found with the source code download. The source code download file is a .zip file that contains six jar files. The `strings.properties` file is located in the `flexreg-swf-%version%-sources.jar` file at `locale\en_US\strings.properties`.

It can also be found with release artifacts in the `BannerFlexibleRegistration80501-resources.zip` file along with the release Enterprise Archive (EAR) file. ■

String resource file

The `strings.properties` resource file is made up of the following elements.

- key/value pair list
- comments
- placeholders
- key structures such as nodes, comments, and accessibility keys

Key/value pair list

The `strings.properties` file contains a key/value pair list using the key equals (=) value format. Each line in the file contains a specific key/value pair. The key is always found on the left side of the equals (=) sign, and the value is always found on the right side of the equals (=) sign. The equals sign is a delimiter between the key and the value, and is not associated with either one.

Comments

The `strings.properties` file contains comments. Comments describe parts of the file and indicate what specific the key/value pairs represent in the user interface. Comments are denoted by a pound (#) sign at the beginning of a line. Text that appears after a # sign is considered to be a comment and is not interpreted as part of the key/value pair association.

Placeholders

Values in the `strings.properties` file can contain placeholders. Placeholders are used by the user interface code to insert values into the string specified in the `strings.properties` file. Placeholders are denoted with left and right braces, { and }, and usually contain a numeric value, such as {0} or {1}. The numeric value designates the placeholder as a numbered parameter. The user interface code inserts the variable value into the placeholder.

Here is a sample placeholder from the `strings.properties` file:

```
flexreg.validators.creditHours.invalid=Credit hours must be  
either {0} or {1}.
```

Note that {0} and {1} are the placeholders in the value string of the key/value pair. The user interface code inserts the variable values it contains into those two placeholders and produces a displayable string such as:

Credit hours must be either 3 or 5.

While the placeholders in the `strings.properties` file must contain numeric values for each ordered parameter, such as ({0} and {1} in the example above, the inserted variable values (3 and 5 in the displayed string) do not have to be numeric.

Key structures

The keys in the `strings.properties` file follow a specific structure. Most are three or four nodes long with a dot (.) between each node. Many of the keys use “flexreg” as the first node. Other keys use different values in the first node to specify an API used in the application or note a different part of the application. For example, keys beginning with “uicommon” correlate to values used with uicommon control components in the user interface.

Using multiple nodes in the keys of the file allows a given key to define a particular part of the user interface. For example, the profile past invoices part of the user interface can have keys starting with `flexreg.label.profile.past.invoices`, where the profile personal information part of the user interface can have keys starting with `flexreg.label.profile.personal.info`.

Key with multiple nodes can have additional nodes that further define the value they represent. For example, the Confirmation Title of the Confirmation window on the Personal Information page has a key of `flexreg.label.profile.personal.info.confirm.save.title`.

Key/value pair user interface correlation

The `strings.properties` file contains comments in each section of the file. The comments denote the functional areas of the application that are associated with the file sections. For example, the key/value pairs for the text pertaining to the Registration Results screen are displayed under the “Registration Results” comment.

Note

Comments are repeated over multiple lines to distinguish them from other text in the file. ■

Accessibility keys

Banner Flexible Registration uses specific accessibility keys in the `strings.properties` file to support accessibility for the visually impaired. The only exception, due to licensing restrictions, is the use of an Audio CAPTCHA program. (CAPTCHA stands for Completely Automated Public Turing Test To Tell Computers and Humans Apart.)

The accessibility keys are listed throughout the `strings.properties` file, along with the other keys that pertain to each section of the file. Each section supports part of the user interface. There is no specific section that lists only accessibility keys.

Accessibility keys are denoted by the `.acc` suffix in the key name. The value associated with each accessibility key can be read aloud by a screen reader for those users who are blind or visually impaired. They can use the keyboard to navigate the application, and audible responses are returned based on the text defined for the accessibility keys in the `strings.properties` file.

Naming convention of localized files

Localized files are files that store language specific translations of string properties, as discussed in [“String Resource Internationalization” on page 2-1](#).

The following describes the format of the filename for a localized property file in Banner Flexible Registration.

```
strings_<language code>[-<COUNTRY CODE>[_<Variant>]].properties
```

Examples include the following:

Type	Name
France based French	<code>strings_fr-FR.properties</code>
United States based English	<code>strings_en-US.properties</code>
All German	<code>strings_de.properties</code>

Change string property values

A text editor, such as Notepad, Notepad++, TextPad, or UltraEdit is required to modify the `strings.properties` file.

Note

Do not use Microsoft Word, Open Office Writer, or any other word processing software that adds formatting characters to the file. ■

Use the following steps to change the string property values in the `strings.properties` file.

5. Open the `strings.properties` file in a text editor. See [“String Resource Management” on page 4-1](#), introduction for the location of the file.
6. Change only the value part of the desired pair. Do not change the key part of the pair, as that will prevent Banner Flexible Registration from successfully loading that string.
7. If special characters have been specified, ensure that the `strings.properties` file is UTF-8 encoded. Otherwise, such characters (like the Euro symbol) will not display. The encoding of the file can usually be managed through the editor being used to edit the properties file. As an example, some versions of Notepad++ have an "Encoding" menu that allows for the selection of UTF-8 encoding.
8. Save the changes.
9. Once all of the desired values have been changed, copy the `strings.properties` file to the external resource directory. The root of this directory is specified in the SFRACNFG admin form in the **Physical path to externalized resources** field. The value of that field is the resource root of the external directory and will be referred to as `resourceRoot%`.

10. Ensure that a *_shared* folder exists under the `%resourceRoot%` directory. Add one if it does not.
11. Ensure that a *locale* folder exists under the *_shared* folder. Add one if it does not.
12. Copy the modified `strings.properties` file to the `%resourceRoot%/_shared/locale` directory.

View changes

It is not necessary to restart the server after the resource bundle has been updated. Navigate to your institution's Banner Flexible Registration installation using a Web browser to see the changes. If the changes to the updated strings are not displayed, clear the browser cache.



5 String Resource Customization Upgrade Reference

This chapter can be used as a reference for string customization of the user interface during the Banner Flexible Registration upgrade process. It is assumed that users are familiar with the structure and content of the `strings.properties` file and its relationship to the user interface. Customizable fields in the `strings.properties` file that have been added, removed, or changed are listed by application version. Mandatory releases of the application are compared, such as version 3.0 to version 3.1, and optional releases (such as 3.0.1) or patch releases (such as 3.1.0.1) that contain modifications are also listed.

Note

The modified fields that are listed only contain the unique keys from the `strings.properties` file and not the values. ■

Upgrade reference

The following string customization information is compared by version:

- version 3.0 to version 3.1, with optional release 3.0.1
- version 3.1 to 3.2, with patch releases 3.1.0.1 and 3.1.0.5
- version 3.2 to 8.4, with patch releases 3.2.0.1 and 3.2.0.5
- version 8.4 to 8.4.1
- version 8.4.1 to 8.4.2
- version 8.4.2 to 8.5
- version 8.5 to 8.5.1
- version 8.5.1 to 8.5.2
- version 8.5.2 to 8.5.3
- version 8.5.3 to 8.5.4
- version 8.5.3 to 8.5.4
- version 8.5.4 to 8.5.5

Version 3.0 to version 3.1

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 3.0 to version 3.1. An optional 3.0.1 release was delivered between these versions of the application. Any changes to the `strings.properties` file contained in the 3.0.1 release are noted in the table.

Added from 3.0 to 3.1

The following keys were added to the `strings.properties` file from version 3.0 to 3.1.

Key (<code>strings.properties</code> file)	Added 3.0.1	Added 3.1
<code>flexreg.advsearch.classStartDate.acc</code>	X	
<code>flexreg.advsearch.classStartDate.startsAfter.acc</code>	X	
<code>flexreg.advsearch.classStartDate.startsBefore.acc</code>	X	
<code>flexreg.label.manageRegistrations.print.registered.date</code>	X	
<code>flexreg.label.manageRegistrations.print.registered.username</code>	X	
<code>flexreg.label.manageRegistrations.print.registeredClasses</code>	X	
<code>flexreg.label.plan.activeSection</code>	X	
<code>flexreg.label.profile.personal.info.aup</code>	X	
<code>flexreg.label.signup.birthdate.invalidDay</code>		X
<code>flexreg.label.signup.birthdate.invalidMonth</code>		X
<code>flexreg.label.signup.houseNumber</code>		X
<code>flexreg.label.signup.lastNamePrefix</code>		X
<code>flexreg.label.signup.phone.country</code>		X
<code>flexreg.label.signup.street4</code>		X
<code>flexreg.schedule.displayOverlap</code>		X
<code>flexreg.schedule.displayOverlap.description</code>		X

Key (strings.properties file)	Added 3.0.1	Added 3.1
flexreg.schedule.scheduleNotes		X
flexreg.schedule.timeConflict		X
flexreg.schedule.timeConflict.description		X
flexreg.payment.internal.state.na	X	
flexreg.payment.po.anon.body	X	
flexreg.payment.po.anon.title	X	
flexreg.payment.ppc.cancel.body	X	
flexreg.payment.ppc.cancel.btn	X	
flexreg.payment.ppc.cancel.confirm.body	X	
flexreg.payment.ppc.cancel.confirm.title	X	
flexreg.payment.ppc.cancel.title	X	
flexreg.payment.ppc.error.poll.body	X	
flexreg.payment.ppc.error.poll.failed.body	X	
flexreg.payment.ppc.error.poll.failed.title	X	
flexreg.payment.ppc.error.poll.title	X	
flexreg.payment.ppc.error.url.body	X	
flexreg.payment.ppc.error.url.title	X	
flexreg.payment.ppc.instructions	X	
flexreg.payment.ppc.prompt.instruction	X	
flexreg.payment.ppc.prompt.question	X	
flexreg.payment.ppc.prompt.title	X	
flexreg.payment.ppc.title	X	
flexreg.paymentoptions.option.ppc	X	

Key (strings.properties file)	Added 3.0.1	Added 3.1
flexreg.paymentoptions.zero.acc	X	
flexreg.regresults.error.cartErrorsWhenNotAllowed	X	

Removed from 3.0 to 3.1

The following keys were removed from the `strings.properties` file from version 3.0 to 3.1.

Key (strings.properties file)	Removed 3.0.1	Removed 3.1
flexreg.finalinvoice.payment.method.external	X	
flexreg.finalinvoice.payment.method.payLater	X	
flexreg.finalinvoice.payment.method.po	X	
flexreg.label.manageRegistrations.registeredClasses	X	
flexreg.payment.internal.firstName	X	
flexreg.payment.internal.lastName	X	
flexreg.payment.internal.mi	X	
flexreg.payment.internal.mi.acc	X	
flexreg.payment.internal.security	X	
flexreg.payment.internal.security.btn.help	X	
flexreg.payment.internal.security.help	X	
flexreg.payment.internal.security.help.title	X	
flexreg.payment.internal.security.tooltip	X	
flexreg.schedule.conflict		X
flexreg.schedule.overlap		X
flexreg.schedule.scheduleConflicts		X

Modified from 3.0 to 3.1

The following keys were modified in the `strings.properties` file from version 3.0 to 3.1.

Key (<code>strings.properties</code> file)	Modified 3.0.1	N/A
<code>flexreg.label.plan.inactiveSection</code>	X	
<code>flexreg.payment.internal.zip</code>	X	

Version 3.1 to version 3.2

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 3.1 to version 3.2. Optional patch releases were delivered between these versions of the application. Any changes to the `strings.properties` file contained in patch releases 3.1.0.1 and 3.1.0.5 are noted in the table.

Added from 3.1 to 3.2

The following keys were added to the `strings.properties` file from version 3.1 to 3.2.

Key (<code>strings.properties</code> file)	Added 3.1.0.1	Added 3.1.0.5	Added 3.2
<code>flexreg.advsearch.courseLevel</code>			X
<code>flexreg.contextmenu.build</code>			X
<code>flexreg.contextmenu.error</code>			X
<code>flexreg.contextmenu.version</code>			X
<code>flexreg.label.profile.personal.fault.message</code>			X
<code>flexreg.label.profile.personal.fault.title</code>			X
<code>flexreg.label.reason</code>			X
<code>flexreg.label.reasonPadding</code>			X
<code>flexreg.label.signup.birthdate.invalidDay</code>		X	
<code>flexreg.label.signup.birthdate.invalidMonth</code>		X	

Key (strings.properties file)	Added 3.1.0.1	Added 3.1.0.5	Added 3.2
flexreg.label.signup.captcha.audio			X
flexreg.label.signup.captcha.audio.play			X
flexreg.label.signup.captcha.audio.tooltip			X
flexreg.label.signup.captcha.image			X
flexreg.label.signup.captcha.image.tooltip			X
flexreg.label.signup.fault.message			X
flexreg.label.signup.fault.title			X
flexreg.payment.billme.confirm.msg			X
flexreg.payment.po.error.title			X
flexreg.schedule.conflict	X		
flexreg.schedule.displayOverlap		X	
flexreg.schedule.displayOverlap.description		X	
flexreg.schedule.overlap	X		
flexreg.schedule.schedule.Conflicts	X		
flexreg.schedule.scheduleNotes		X	
flexreg.schedule.timeConflict		X	
flexreg.schedule.timeConflict.description		X	
flexreg.schedule.week.renderer.btn.remove			X
flexreg.schedule.week.renderer.btn.remove.tooltip			X

Key (strings.properties file)	Added 3.1.0.1	Added 3.1.0.5	Added 3.2
flexreg.searchresults.compact.waitlist			X
flexreg.searchresults.extended.waitlist			X
flexreg.sectiondetails.overview.waitlist			X
help.paymentOptions_ppc			X

Removed from 3.1 to 3.2

The following keys were removed from the `strings.properties` file from version 3.1 to 3.2.

Key (strings.properties file)	Removed 3.1.0.1	Removed 3.1.0.5
flexreg.label.signup.birthdate.invalidDay	X	
flexreg.label.signup.birthdate.invalidMonth	X	
flexreg.schedule.conflict		X
flexreg.schedule.displayOverlap	X	
flexreg.schedule.displayOverlap.description	X	
flexreg.schedule.overlap		X
flexreg.schedule.scheduleNotes	X	
flexreg.schedule.scheduleConflicts		X
flexreg.schedule.timeConflict	X	
flexreg.schedule.timeConflict.description	X	

Modified from 3.1 to 3.2

The following key was modified in the `strings.properties` file from version 3.1 to 3.2.

Key (strings.properties file)	N/A	Modified 3.2
flexreg.searchresults.compact.tooltip.details		X

Version 3.2 to version 8.4

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 3.2 to version 8.4. Optional patch releases were delivered between these versions of the application. Any changes to the `strings.properties` file contained in patch releases 3.2.0.1 and 3.2.0.5 are noted in the table.

Note

The version numbering of Banner Flexible Registration has been made consistent with numbering for other Banner products, hence the jump from version 3.2 to version 8.4. ■

Added from 3.2 to 8.4

The following keys were added to the `strings.properties` file from version 3.2 to 8.4.

Key (strings.properties file)	Added 3.2.0.1	Added 3.2.0.5	Added 8.4
flexreg.label.signup.birthdate.invalidDay		X	
flexreg.label.signup.birthdate.invalidMonth		X	
flexreg.schedule.conflict	X		
flexreg.schedule.displayOverlap		X	
flexreg.schedule.displayOverlap.description		X	
flexreg.schedule.overlap	X		
flexreg.schedule.scheduleConflicts	X		
flexreg.schedule.scheduleNotes		X	
flexreg.schedule.timeConflict		X	
flexreg.schedule.timeConflict.description		X	

Key (strings.properties file)	Added 3.2.0.1	Added 3.2.0.5	Added 8.4
flexreg.sectiondetails.error.OlrRegAfter			X
flexreg.sectiondetails.error.OlrRegBefore			X
flexreg.validators.ssnProfileField.maximumLength			X

Removed from 3.2 to 8.4

The following keys were removed from the `strings.properties` file from version 3.2 to 8.4.

Key (strings.properties file)	Removed 3.2.0.1	Removed 3.2.0.5
flexreg.label.signup.birthdate.invalidDay	X	
flexreg.label.signup.birthdate.invalidMonth	X	
flexreg.schedule.conflict		X
flexreg.schedule.displayOverlap	X	
flexreg.schedule.displayOverlap.description	X	
flexreg.schedule.overlap		X
flexreg.schedule.scheduleConflicts		X
flexreg.schedule.scheduleNotes	X	
flexreg.schedule.timeConflict	X	
flexreg.schedule.timeConflict.description	X	

Version 8.4 to version 8.4.1

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.4 to version 8.4.1.

Added from 8.4 to 8.4.1

The following keys were added to the `strings.properties` file from version 8.4 to 8.4.1

Key (strings.properties file)	Added 8.4.1	N/A
<code>flexreg.btn.profile.secQuestion.reset</code>	X	
<code>flexreg.btn.profile.secQuestion.reset</code>	X	
<code>flexreg.globalnav.profile.changeSecurityQuestions</code>	X	
<code>flexreg.label.answerSecurityQuestion.answer</code>	X	
<code>flexreg.label.answerSecurityQuestion.descr</code>	X	
<code>flexreg.label.answerSecurityQuestion.error.failedLoginExceeded</code>	X	
<code>flexreg.label.answerSecurityQuestion.error.generic</code>	X	
<code>flexreg.label.answerSecurityQuestion.error.incorrectAnswer</code>	X	
<code>flexreg.label.answerSecurityQuestion.question</code>	X	
<code>flexreg.label.answerSecurityQuestion.title</code>	X	
<code>flexreg.label.bannerSecurityQuestion.answer</code>	X	
<code>flexreg.label.bannerSecurityQuestion.button.continue</code>	X	
<code>flexreg.label.bannerSecurityQuestion.cancel</code>	X	
<code>flexreg.label.bannerSecurityQuestion.cancel.confirm.message</code>	X	
<code>flexreg.label.bannerSecurityQuestion.cancel.confirm.title</code>	X	
<code>flexreg.label.bannerSecurityQuestion.completed.title</code>	X	
<code>flexreg.label.bannerSecurityQuestion.count</code>	X	
<code>flexreg.label.bannerSecurityQuestion.customQuestion</code>	X	

Key (strings.properties file)	Added 8.4.1	N/A
flexreg.label.bannerSecurityQuestion.descr	X	
flexreg.label.bannerSecurityQuestion.error.duplicateQuestion	X	
flexreg.label.bannerSecurityQuestion.error.invalidPin	X	
flexreg.label.bannerSecurityQuestion.error.maxLength	X	
flexreg.label.bannerSecurityQuestion.error.minAnswerLength	X	
flexreg.label.bannerSecurityQuestion.error.minQuestionLength	X	
flexreg.label.bannerSecurityQuestion.error.noQuestionSelected	X	
flexreg.label.bannerSecurityQuestion.generic.error.msg	X	
flexreg.label.bannerSecurityQuestion.generic.error.title	X	
flexreg.label.bannerSecurityQuestion.pin	X	
flexreg.label.bannerSecurityQuestion.preDefinedQuestion	X	
flexreg.label.bannerSecurityQuestion.question	X	
flexreg.label.bannerSecurityQuestion.submit	X	
flexreg.label.bannerSecurityQuestion.success.moreQuestions	X	
flexreg.label.bannerSecurityQuestion.success.noMoreQuestions	X	
flexreg.label.bannerSecurityQuestion.title	X	
flexreg.label.bannerSecurityQuestion.welcome.desc	X	
flexreg.label.bannerSecurityQuestions.no.securityQuestions	X	

Key (strings.properties file)	Added 8.4.1	N/A
flexreg.label.enableBannerSecurityQuestions.description	X	
flexreg.label.forgotpassword.cancel	X	
flexreg.label.forgotpassword.descr	X	
flexreg.label.forgotpassword.submit	X	
flexreg.label.forgotpassword.title	X	
flexreg.label.forgotpassword.username	X	
flexreg.label.getSecurityQuestion.error.generic	X	
flexreg.label.getSecurityQuestion.error.noQuestions	X	
flexreg.label.login.forgotPassword	X	
flexreg.label.password.reset.confirm	X	
flexreg.label.password.reset.descr	X	
flexreg.label.password.reset.new	X	
flexreg.label.password.reset.noResponseError	X	
flexreg.label.password.reset.success	X	
flexreg.label.password.reset.title	X	
flexreg.label.password.reset.validation.allSpaces	X	
flexreg.label.password.reset.validation.noMatch	X	
flexreg.label.password.reset.validation.required	X	
flexreg.label.profile.secQuestion.body	X	
flexreg.label.profile.secQuestion.complete	X	
flexreg.label.profile.secQuestion.disabled	X	
flexreg.label.profile.secQuestion.title	X	

Key (strings.properties file)	Added 8.4.1	N/A
flexreg.label.username.invalid.deceased	X	
flexreg.label.username.invalid.disabled	X	
flexreg.label.username.invalid.nonexistent	X	
flexreg.label.username.invalid.unknown	X	

Modified from 8.4 to 8.4.1

The following key was modified in the `strings.properties` file from version 8.4 to 8.4.1.

Key (strings.properties file)	Modified 8.4.1	N/A
flexreg.holds.grid.toDate	X	

Version 8.4.1 to version 8.4.2

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.4.1 to version 8.4.2.

Added from 8.4.1 to 8.4.2

The following keys were added to the `strings.properties` file from version 8.4.1 to 8.4.2.

Key (strings.properties file)	Added 8.4.2	N/A
flexreg.advsearch.sectionAttribute	X	
flexreg.label.altpin.authfailed.body	X	
flexreg.label.altpin.authfailed.title	X	
flexreg.label.altpin.button.cancel	X	
flexreg.label.altpin.button.submit	X	
flexreg.label.altpin.descr	X	
flexreg.label.altpin.nomatch	X	
flexreg.label.altpin.termlabel	X	

Key (strings.properties file)	Added 8.4.2	N/A
flexreg.label.altpin.textlabel	X	
flexreg.label.altpin.title	X	

Modified from 8.4.1 to 8.4.2

The following keys were modified in the `strings.properties` file from version 8.4.1 to 8.4.2.

Key (strings.properties file)	Modified 8.4.2	N/A
flexreg.label.bannerSecurityQuestions.no.securityQuestions	X	
flexreg.label.getSecurityQuestion.error.noQuestions	X	
flexreg.label.profile.secQuestion.disabled	X	
help.basedir	X	

Version 8.4.2 to version 8.5

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.4.2 to version 8.5.

Added from 8.4.2 to 8.5

The following keys were added to the `strings.properties` file from version 8.4.2 to 8.5.

Key (strings.properties file)	Added 8.5	N/A
flexreg.app.exit.warning	X	
flexreg.application.footer	X	
flexreg.label.signout.message	X	
flexreg.label.signout.title	X	
flexreg.label.user.notification.email.default	X	

Key (strings.properties file)	Added 8.5	N/A
flexreg.label.user.notification.email.notFound	X	
flexreg.label.user.notification.email.sent	X	
flexreg.searchresults.compact.fees	X	
flexreg.searchresults.extended.btn.continue	X	
flexreg.searchresults.extended.regTimes	X	
flexreg.validators.phoneAreaCodeProfileField.maxLength	X	
flexreg.validators.phoneCountryCodeProfileField.maxLength	X	
flexreg.validators.phoneNumberProfileField.maxLength	X	
uicommon.dateFormat.short.date	X	

Removed from 8.4.2 to 8.5

The following keys were removed from the strings.properties file from version 8.4.2 to 8.5.

Key (strings.properties file)	Removed 8.5	N/A
flexreg.label.externalLinkURL	X	

Modified from 8.4.2 to 8.5

The following keys were modified in the strings.properties file from version 8.4.2 to 8.5.

Key (strings.properties file)	Modified 8.5	N/A
flexreg.label.altpin.descr	X	
flexreg.label.signup.birthdate	X	

Version 8.5 to version 8.5.1

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.5 to version 8.5.1.

Added from 8.5 to 8.5.1

The following keys were added to the `strings.properties` file from version 8.5 to 8.5.1.

Key (<code>strings.properties</code> file)	Added 8.5.1	N/A
<code>flexreg.inspector.stylename</code>	X	
<code>flexreg.inspector.classname</code>	X	
<code>flexreg.inspector.nullValue</code>	X	

Version 8.5.1 to version 8.5.2

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.5.1 to version 8.5.2.

Added from 8.5.1 to 8.5.2

The following keys were added to the `strings.properties` file from version 8.5.1 to 8.5.2.

Key (<code>strings.properties</code> file)	Added 8.5.2	N/A
<code>flexreg.label.registration.disclosure.accept</code>	X	
<code>flexreg.label.registration.disclosure.decline</code>	X	
<code>flexreg.label.registration.disclosure.text</code>	X	
<code>flexreg.label.registration.disclosure.title</code>	X	
<code>flexreg.schedule.courseTitle.seperator</code>	X	
<code>flexreg.searchresults.compact.building.truncate.length</code>	X	
<code>flexreg.searchresults.compact.courseTitle.seperator</code>	X	

Key (strings.properties file)	Added 8.5.2	N/A
flexreg.searchresults.compact.meeting.collapsed.renderer.acc	X	
flexreg.searchresults.compact.meeting.expanded.renderer.acc	X	
flexreg.searchresults.compact.meetingdays.truncate.length	X	
flexreg.searchresults.compact.meetingtime.truncate.length	X	
flexreg.searchresults.compact.room	X	
flexreg.searchresults.compact.room.truncate.length	X	
flexreg.searchresults.compact.truncated.append	X	
flexreg.searchresults.extended.courseTitle.seperator	X	
flexreg.sectiondetails.meeting.buildingaddress.acc	X	
flexreg.sectionlist.item.acc	X	
flexreg.sectionlist.item.btn.add	X	
flexreg.sectionlist.item.btn.add.tooltip	X	
flexreg.sectionlist.item.btn.details	X	
flexreg.sectionlist.item.btn.details.tooltip	X	
flexreg.sectionlist.item.campus	X	
flexreg.sectionlist.item.crn	X	
flexreg.sectionlist.item.fees	X	
flexreg.sectionlist.item.instructor	X	
flexreg.sectionlist.item.meetingtime.collapsed.acc	X	
flexreg.sectionlist.item.meetingtime.expanded.acc	X	
flexreg.sectionlist.item.meetingtime.room	X	

Key (strings.properties file)	Added 8.5.2	N/A
flexreg.sectionlist.item.olr.reg	X	
flexreg.sectionlist.item.olr.start	X	
flexreg.sectionlist.item.seats	X	
flexreg.sectionlist.item.term	X	
flexreg.sectionlist.item.type	X	
flexreg.sectionlist.item.waitlist	X	

Removed from 8.5.1 to 8.5.2

The following keys were removed from the `strings.properties` file, from version 8.5.1 to 8.5.2.

Key (strings.properties file)	Removed 8.5.2	N/A
flexreg.schedule.list.rendererer.campus	X	
flexreg.schedule.list.rendererer.instructor	X	
flexreg.schedule.list.rendererer.type	X	

Modified from 8.5.1 to 8.5.2

The following keys were modified in the `strings.properties` file from version 8.5.1 to 8.5.2.

Key (strings.properties file)	Modified 8.5.2	N/A
flexreg.schedule.status	X	
flexreg.searchresults.compact.acc	X	
flexreg.searchresults.extended.olrDates	X	
flexreg.searchresults.extended.olrRegDates	X	

Version 8.5.2 to version 8.5.3

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.5.2 to version 8.5.3.

Added from 8.5.2 to 8.5.3

The following keys were added to the `strings.properties` file from version 8.5.2 to 8.5.3.

Key (<code>strings.properties</code> file)	Added 8.5.3	N/A
<code>flexreg.advsearch.crn</code>	X	
<code>flexreg.label.help</code>	X	
<code>flexreg.searchbar.search.ghostText</code>	X	

Modified from 8.5.2 to 8.5.3

The following keys were modified in the `strings.properties` file from version 8.5.2 to 8.5.3.

Key (<code>strings.properties</code> file)	Modified 8.5.3	N/A
<code>flexreg.holds.grid.toDate</code>	X	
<code>flexreg.label.registration.disclosure.text</code>	X	
<code>flexreg.payment.external.cancel.body</code>	X	
<code>flexreg.payment.ppc.cancel.body</code>	X	
<code>flexreg.session.timeout.warning.seconds</code>	X	
<code>flexreg.session.timeout.warning.minutes</code>	X	

Version 8.5.3 to version 8.5.4

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.5.3 to version 8.5.4.

Added from 8.5.3 to 8.5.4

The following keys were added to the `strings.properties` file from version 8.5.3 to 8.5.4.

Key (strings.properties file)	Added 8.5.4	N/A
flexreg.attachment.alreadyUploadedStatusText	X	
flexreg.attachment.cancel	X	
flexreg.attachment.continueRegistration	X	
flexreg.attachment.empty.file	X	
flexreg.attachment.generaltext	X	
flexreg.attachment.notUploadedStatusText	X	
flexreg.attachment.open.disclosure	X	
flexreg.attachment.open.instructions	X	
flexreg.attachment.open.invalidCall	X	
flexreg.attachment.open.messageTitle	X	
flexreg.attachment.open.pageTitle	X	
flexreg.attachment.open.urlTitle	X	
flexreg.attachment.status	X	
flexreg.attachment.title	X	
flexreg.attachment.unexpected.error	X	
flexreg.attachment.uploadButtonText	X	
flexreg.attachment.uploadFailureText	X	
flexreg.attachment.uploadSuccessText	X	
flexreg.attachment.wait	X	
flexreg.browse.landingpage.title	X	
flexreg.browse.page.acc	X	
flexreg.browse.pageDescription	X	
flexreg.browse.pageTitle	X	
flexreg.browse.results.acc	X	

Key (strings.properties file)	Added 8.5.4	N/A
flexreg.browse.results.empty.acc	X	
flexreg.browse.results.exceed.found	X	
flexreg.browse.results.exceedLimitHelpMessage	X	
flexreg.browse.results.extended.btn.continue	X	
flexreg.browse.results.found	X	
flexreg.browse.results.foundOne	X	
flexreg.browse.results.loading	X	
flexreg.browse.results.sort.acc	X	
flexreg.browse.results.title	X	
flexreg.browse.topics.empty.acc	X	
flexreg.browse.topics.exceed.found	X	
flexreg.browse.topics.found	X	
flexreg.browse.topics.foundOne	X	
flexreg.browse.topics.results.acc	X	
flexreg.browse.topics.title	X	
flexreg.browse.topics.title.hint	X	
flexreg.finalinvoice.invoice.classDesc	X	
flexreg.finalinvoice.invoice.requiredMaterials	X	
flexreg.logout.message	X	
flexreg.logout.messageTitle	X	
flexreg.logout.pageTitle	X	
flexreg.logout.redirect.message	X	
flexreg.logout.redirect.pageTitle	X	
flexreg.logout.returnUrlSuffix	X	

Key (strings.properties file)	Added 8.5.4	N/A
flexreg.logout.returnUrlText	X	
flexreg.ppcpayment.failure.message	X	
flexreg.ppcpayment.failure.messageTitle	X	
flexreg.ppcpayment.failure.pageTitle	X	
flexreg.ppcpayment.success.message	X	
flexreg.ppcpayment.success.messageTitle	X	
flexreg.ppcpayment.success.pageTitle	X	
flexreg.regresults.coupon.error.usagelimit	X	
flexreg.schedule.classList.title	X	
flexreg.schedule.pageDescription	X	
flexreg.schedule.pageTitle	X	
flexreg.schedule.planRegNoSeatsAvail	X	
flexreg.sectiondetails.module.required. materials	X	
flexreg.sectiondetails.required.materials. acc	X	
flexreg.sectiondetails.required.materials. none	X	
flexreg.sso.signin.failure.message	X	
flexreg.sso.signin.failure.messageTitle	X	
flexreg.sso.signin.failure.pageTitle	X	
flexreg.sso.signin.failure.returnUrlSuffix	X	
flexreg.sso.signin.failure.returnUrlText	X	
help.browseBySubject	X	
help.courseDetails_requiredMaterials	X	
help.fileAttachment	X	

Modified from 8.5.3 to 8.5.4

The following keys were modified in the `strings.properties` file from version 8.5.3 to 8.5.4.

Key (<code>strings.properties</code> file)	Modified 8.5.4	N/A
<code>flexreg.regresults.btn.next</code>	X	

Version 8.5.4 to version 8.5.5

This section covers the changes made to the `strings.properties` file from Banner Flexible Registration versions 8.5.4 to version 8.5.5.

Added from 8.5.4 to 8.5.5

The following keys were added to the `strings.properties` file from version 8.5.4 to 8.5.5.

Key (<code>strings.properties</code> file)	Added 8.5.5	N/A
<code>flexreg.label.login.CASInstructions</code>	X	
<code>flexreg.label.login.cas.CASwindowTitle</code>	X	
<code>flexreg.label.login.cas.attemptFailureText</code>	X	
<code>flexreg.label.login.cas.attemptFailureTitle</code>	X	
<code>flexreg.label.login.cas.attemptWindowText</code>	X	
<code>flexreg.label.login.cas.attemptWindowTitle</code>	X	
<code>flexreg.label.login.cas.attemptWindowWindow ButtonLabel</code>	X	
<code>flexreg.label.login.cas.externalWindowTitle</code>	X	
<code>flexreg.label.login.openWindowText</code>	X	
<code>flexreg.logout.cas.returnUrlSuffix</code>	X	
<code>flexreg.logout.cas.returnUrlText</code>	X	
<code>flexreg.logout.cas.secure.returnUrlSuffix</code>	X	
<code>flexreg.logout.cas.secure.returnUrlText</code>	X	

Key (strings.properties file)	Added 8.5.5	N/A
flexreg.logout.cas.singleSignOutText	X	
flexreg.logout.cas.singleSignOutTextSuffix	X	
flexreg.lov.profile.gender.F	X	
flexreg.lov.profile.gender.M	X	
flexreg.lov.profile.gender.N	X	
flexreg.sso.cas.failure.login.pageTitle	X	
flexreg.sso.cas.success.login.pageTitle	X	
flexreg.sso.signin.failure.login.message	X	
flexreg.sso.signin.failure.login.messageTitle	X	
flexreg.sso.signin.success.login.message	X	
flexreg.sso.signin.success.login.messageTitle	X	

Modified from 8.5.4 to 8.5.5

The following keys were modified in the `strings.properties` file from version 8.5.4 to 8.5.5.

Key (strings.properties file)	Modified 8.5.5	N/A
flexreg.label.enableBannerSecurityQuestions.description	X	
flexreg.label.manageRegistrations.institutionName	X	
flexreg.label.newLogin	X	
flexreg.label.profile.past.invoices.institutionName	X	
flexreg.label.profile.secQuestion.complete	X	
flexreg.label.signup.allow	X	
flexreg.label.signup.instructions	X	

Version 8.5.5 to version 8.6

This section covers the changes made to the strings.properties file from Banner Flexible Registration versions 8.5.5 to version 8.6.

Added from 8.5.5 to 8.6

The following keys were added to the strings.properties file from version 8.5.5 to 8.6.

Key (strings.properties file)	Added 8.6	N/A
flexreg.courseoptions.learnerName	X	
flexreg.courseoptions.pageDescription	X	
flexreg.courseoptions.selectAll. additionalMaterials	X	
flexreg.finalinvoice.invoice.paymentAmount	X	
flexreg.finalinvoice.registration.status.D	X	
flexreg.finalinvoice.registration.status.L	X	
flexreg.finalinvoice.registration.status.R	X	
flexreg.finalinvoice.registration.status.W	X	
flexreg.finalinvoice.registration.status. null	X	
flexreg.finalinvoice.schedule.studentlist	X	
flexreg.finalinvoice.userName	X	
flexreg.globalnav.profile. relationshipManagement	X	
flexreg.label.profile.relationship. management.acc	X	
flexreg.label.profile.relationship. management.button.newAccount	X	
flexreg.label.profile.relationship. management.description	X	
flexreg.label.profile.relationship. management.grid.firstName		

Key (strings.properties file)	Added 8.6	N/A
flexreg.label.profile.relationship. management.grid.lastName	X	
flexreg.label.profile.relationship. management.grid.relationship	X	
flexreg.label.profile.relationship. management.grid.status	X	
flexreg.label.profile.relationship. management.grid.status.disabled	X	
flexreg.label.profile.relationship. management.grid.status.enabled	X	
flexreg.label.profile.relationship. management.tab.IRegisterThem	X	
flexreg.label.profile.relationship. management.tab.TheyRegisterMe	X	
flexreg.label.profile.relationship. management.title	X	
flexreg.label.registration.group.disclosure. text	X	
flexreg.label.signup.button.clearValues	X	
flexreg.label.signup.clearFields.confirm. message	X	
flexreg.label.signup.clearFields.confirm. title	X	
flexreg.label.signup.copyAddressPhone	X	
flexreg.label.signup.description	X	
flexreg.label.signupOthers.acc	X	
flexreg.label.signupOthers.button.common. matching.cancelNewAccount	X	
flexreg.label.signupOthers.button.common. matching.continue	X	
flexreg.label.signupOthers.button.common. matching.newAccount	X	

Key (strings.properties file)	Added 8.6	N/A
flexreg.label.signupOthers.cancel.confirm.message	X	
flexreg.label.signupOthers.cancel.confirm.title	X	
flexreg.label.signupOthers.common.matching.always	X	
flexreg.label.signupOthers.common.matching.match	X	
flexreg.label.signupOthers.common.matching.title	X	
flexreg.label.signupOthers.description	X	
flexreg.label.signupOthers.error.message	X	
flexreg.label.signupOthers.error.title	X	
flexreg.label.signupOthers.fault.message	X	
flexreg.label.signupOthers.fault.title	X	
flexreg.label.signupOthers.form.message	X	
flexreg.label.signupOthers.form.title	X	
flexreg.label.signupOthers.header	X	
flexreg.label.signupOthers.leave.confirm.message	X	
flexreg.label.signupOthers.leave.confirm.title	X	
flexreg.label.signupOthers.newaccount.button.addAnother	X	
flexreg.label.signupOthers.newaccount.button.continue	X	
flexreg.label.signupOthers.newaccount.credentials.both	X	
flexreg.label.signupOthers.newaccount.credentials.emailed	X	

Key (strings.properties file)	Added 8.6	N/A
flexreg.label.signupOthers.newaccount.credentials.onscreen	X	
flexreg.label.signupOthers.newaccount.credentials.postmarked	X	
flexreg.label.signupOthers.newaccount.login.id	X	
flexreg.label.signupOthers.newaccount.login.password	X	
flexreg.label.signupOthers.newaccount.success.text.cont	X	
flexreg.label.signupOthers.newaccount.success.text.created	X	
flexreg.label.signupOthers.newaccount.success.title	X	
flexreg.label.signupOthers.relationship.combo.acc	X	
flexreg.label.signupOthers.relationship.combobox.label	X	
flexreg.label.signupOthers.relationship.combobox.select	X	
flexreg.label.signupOthers.relationship.copy Data	X	
flexreg.label.signupOthers.requiredMarker	X	
flexreg.label.user.notification.email.group.cartOwner	X	
flexreg.label.user.notification.email.group.cartOwner.notFound	X	
flexreg.label.user.notification.email.group.registrant	X	
flexreg.label.user.notification.email.group.registrant.notFound	X	
flexreg.learnerclass.btn.select	X	
flexreg.learnerclass.btn.select.tooltip	X	

Key (strings.properties file)	Added 8.6	N/A
flexreg.learnerclass.classList.emptyMessage	X	
flexreg.learnerclass.quantity	X	
flexreg.learnerclassconnector.action.back	X	
flexreg.learnerclassconnector.action.continue	X	
flexreg.learnerclassconnector.action.createStudent	X	
flexreg.learnerclassconnector.action.selectAllDeselectAll	X	
flexreg.learnerclassconnector.classList.columnHeader	X	
flexreg.learnerclassconnector.error.noStudentsSelected	X	
flexreg.learnerclassconnector.error.noStudentsSelected.title	X	
flexreg.learnerclassconnector.pageDescription	X	
flexreg.learnerclassconnector.pageTitle	X	
flexreg.learnerclassconnector.studentList.acc.NotSelectedPhrase	X	
flexreg.learnerclassconnector.studentList.acc.selectedPhrase	X	
flexreg.learnerclassconnector.studentList.columnHeader	X	
flexreg.learnerclassconnector.studentList.name	X	
flexreg.openlearningoptions.acc	X	
flexreg.openlearningoptions.acc.section	X	
flexreg.openlearningoptions.actions.btn.ok	X	
flexreg.openlearningoptions.pageDescription	X	

Key (strings.properties file)	Added 8.6	N/A
flexreg.openlearningoptions.section.dates	X	
flexreg.openlearningoptions.section.endDate	X	
flexreg.openlearningoptions.section.endDate.default	X	
flexreg.openlearningoptions.section.learner	X	
flexreg.openlearningoptions.section.startDate	X	
flexreg.openlearningoptions.section.startDate.error	X	
flexreg.openlearningoptions.selectAllDate	X	
flexreg.openlearningoptions.selectDate	X	
flexreg.openlearningoptions.title	X	
flexreg.outstanding.registrations.error.finalizedWithoutInvoiceNumber	X	
flexreg.outstanding.registrations.error.title	X	
flexreg.outstanding.registrations.finalized.window.desc	X	
flexreg.outstanding.registrations.finalized.window.title		
flexreg.paymentoptions.one.btn.ppc	X	
flexreg.paymentoptions.single.option.bill	X	
flexreg.paymentoptions.single.option.ppc	X	
flexreg.paymentoptions.single.option.purchaseOrder	X	
flexreg.registration.progressbar.step1	X	
flexreg.registration.progressbar.step2	X	
flexreg.registration.progressbar.step3	X	
flexreg.registration.progressbar.step4	X	

Key (strings.properties file)	Added 8.6	N/A
flexreg.regresults.coupon.error.alreadyApplied	X	
flexreg.regresults.coupon.error.usagelimit.group	X	
flexreg.regresults.error.noaccess.group	X	
flexreg.regresults.error.noaccess.individual	X	
flexreg.schedule.groupregistration.prompt.acc.name	X	
flexreg.schedule.groupregistration.prompt.confirm.cancel	X	
flexreg.schedule.groupregistration.prompt.confirm.message	X	
flexreg.schedule.groupregistration.prompt.confirm.ok	X	
flexreg.schedule.groupregistration.prompt.confirm.title	X	
flexreg.schedule.groupregistration.prompt.group	X	
flexreg.schedule.groupregistration.prompt.individual	X	
flexreg.schedule.groupregistration.prompt.label	X	
flexreg.schedule.page.acc	X	
flexreg.schedule.timeConflict.description.group	X	
flexreg.schedule.timeConflict.group	X	
help.learnerclassconnector	X	
help.olr=selectOLRdates_c.html	X	
help.profile_relationshipManagement	X	

Removed from 8.5.5 to 8.6

The following keys were removed from the `strings.properties` file from version 8.5.5 to 8.6.

Key (strings.properties file)	Removed 8.6	N/A
<code>flexreg.label.plan.olr.body</code>	X	
<code>flexreg.label.plan.olr.title</code>	X	
<code>flexreg.paymentoptions.one.btn.external</code>	X	
<code>flexreg.paymentoptions.one.btn.internal</code>	X	
<code>flexreg.paymentoptions.option.internal</code>	X	

Modified from 8.5.5. to 8.6

The following keys were modified in the `strings.properties` file from version 8.5.5 to 8.6.

Key (strings.properties file)	Modified 8.6	N/A
<code>flexreg.courseoptions.actions.btn.ok</code>	X	
<code>flexreg.label.signup.header</code>	X	
<code>flexreg.label.user.notification.email.notFound</code>	X	
<code>help.selectClassRegistrationOptions</code>	X	