

City University of Seattle

Registration System User's Guide

Provided by

Codemutt.com

Kevin McGaughey

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I. Introduction

This user's guide is provided to enable each user to use their sections as designed. Based on that thought, the guide is broken up into three main sections. We'll start with the Student and Instructor sections and finish with the Administrator section.

Each section will be broken down as in depth as needed to detail the actions required to accomplish the tasks.

II. Conventions

To make this document uniform, and easy to understand and use, there will be display conventions throughout the document.

When a link from a page is mention, it will be displayed in bold letters and in a dark blue color; e.g., **Add Students**.

When a field name is mentioned, it will be displayed in italics and in a dark green color; e.g., *Username*.

III. Help and About

On all pages, except for the Help pages, in the left hand navigation menu, you have an option for accessing a [Help](#) page and an [About](#) page.

The Help pages will give you some generic information regarding the use of the system.

The About page will give you some information regarding the system and its function.

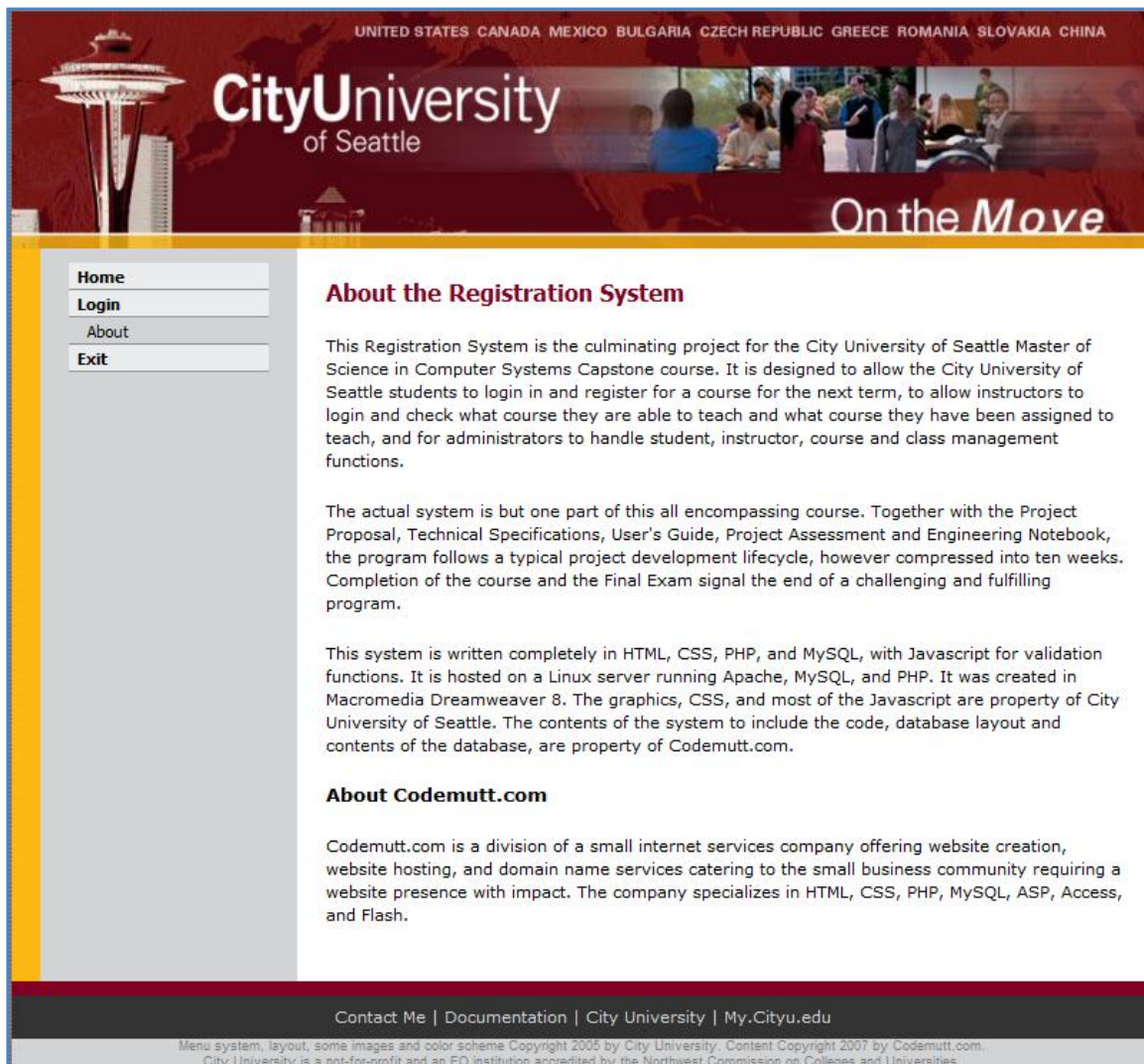


Figure 1 - About the Registration System Page

IV. Contact

On every page at the bottom are links to a [Contact](#) page, a [Documentation](#) page, the [City University of Seattle](#) website, and the [MyCityu](#) intranet for students and faculty.

The Contact page contains contact information for the City University of Seattle and a comments form for the developer.

If you have comments or require some website development work completed, please use this form to contact the nice people at [Codemutt.com](#).

UNITED STATES CANADA MEXICO BULGARIA CZECH REPUBLIC GREECE ROMANIA SLOVAKIA CHINA

CityUniversity of Seattle

On the *Move*

- Home
- Login
- About
- Exit

Contact Us

This Registration System is not supported by, nor connected to the City University of Seattle

To get information from or about the City University of Seattle, please use the following information to contact them

City University of Seattle

Website: www.cityu.edu General Information: info@cityu.edu
11900 N.E. First Street Toll-Free: 1.888.422.4898
Bellevue, WA 98005 Local 425.637.1010

To get information from Codemutt.com, please use the following form to contact them

To: **Codemutt.com**

Name: * Required

Email: * Required

Comments:

Contact Me | Documentation | City University | My.Cityu.edu

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Figure 2 - Contact Us Page

V. Documentation

The documentation that was supplied with this project can be viewed on the [Documentation](#) page which is linked from the bottom of every page or from the index page. The documentation files are saved as Adobe PDF files for ease of transportability between users.



Figure 3 - Registration System Documents Page

VI. Login

Home Page

Access to the Registration System is gained by using a computer with an internet connection, and going to the following internet address listed below. This link will take you to the following page. To use this page:

1. Open up a web browser. Microsoft's Internet Explorer 7 will display this page the best, but any up to date browser will work.
2. In the Address bar of the browser, type <http://cs600.codemutt.com>.
3. Hit the Enter key or click on the Go To button.
4. On the page shown below, either
 - a. Click on the **Login** tab of the left hand menu,
 - b. Click on the **Key** icon or
 - c. Click on the **Login here** in the text next to the key icon to get to the system login page.

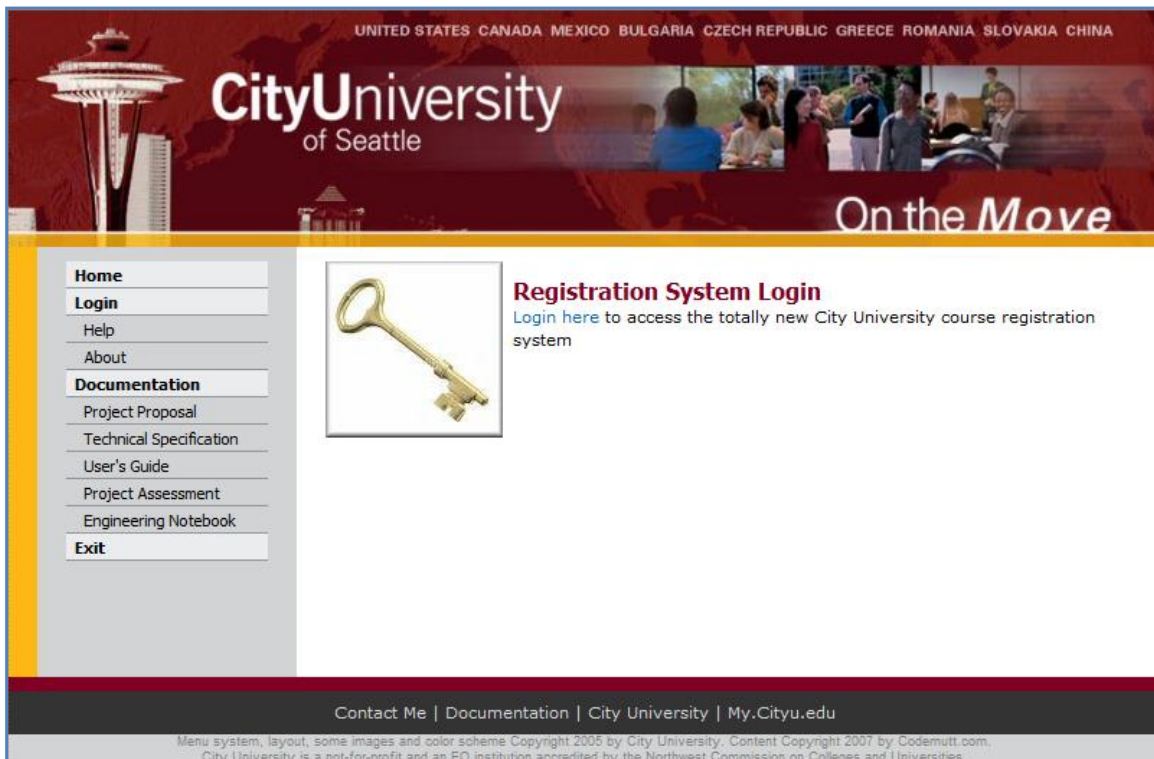


Figure 4 - Registration System Home Page

Login Page

The login for this system requires a unique Username and Password. The Administrator is responsible for the creation of these and it happens during the creation of the Student or the Instructor. Once you have been issued a Username and Password by the Administrator, you are ready to log in. On the Login page shown below:

1. Enter the username into the *User Name* field
2. Enter the password into *Password* field.
3. When done entering the data, click on the **Login** button.

If you do not enter any data, the system will tell you to enter your data and try again.

The screenshot shows the login page of the City University of Seattle Registration System. The header features a red banner with the university's name, a list of international locations (UNITED STATES, CANADA, MEXICO, BULGARIA, CZECH REPUBLIC, GREECE, ROMANIA, SLOVAKIA, CHINA), and a banner image with the text "On the Move". A left sidebar contains a menu with links: Home, Login, Help, About, and Exit. The main content area is titled "Registration System Login" and includes the instruction "Please enter your User name and Password here". It contains two input fields: "User Name:" and "Password:", both marked as "* Required". A "Submit" button is located below the password field. The footer includes a navigation bar with links: "Contact Me | Documentation | City University | My.Cityu.edu" and a small copyright notice.

Figure 5 - Registration System Login Page

VII. Student Module

Student Information Page

When the student logs into the Registration System, this is the page they will be greeted with. On this page the user will see their pertinent information, their user id, major and class level. If any of the information is incorrect, they should contact the administrator to ensure their data is updated correctly.

If they have already used the Request Course function, the course would be listed next followed by the class they were scheduled for. If the scheduling function has not been run yet, the page will look like below.

The options for this module are

1. Course List
2. Request Courses

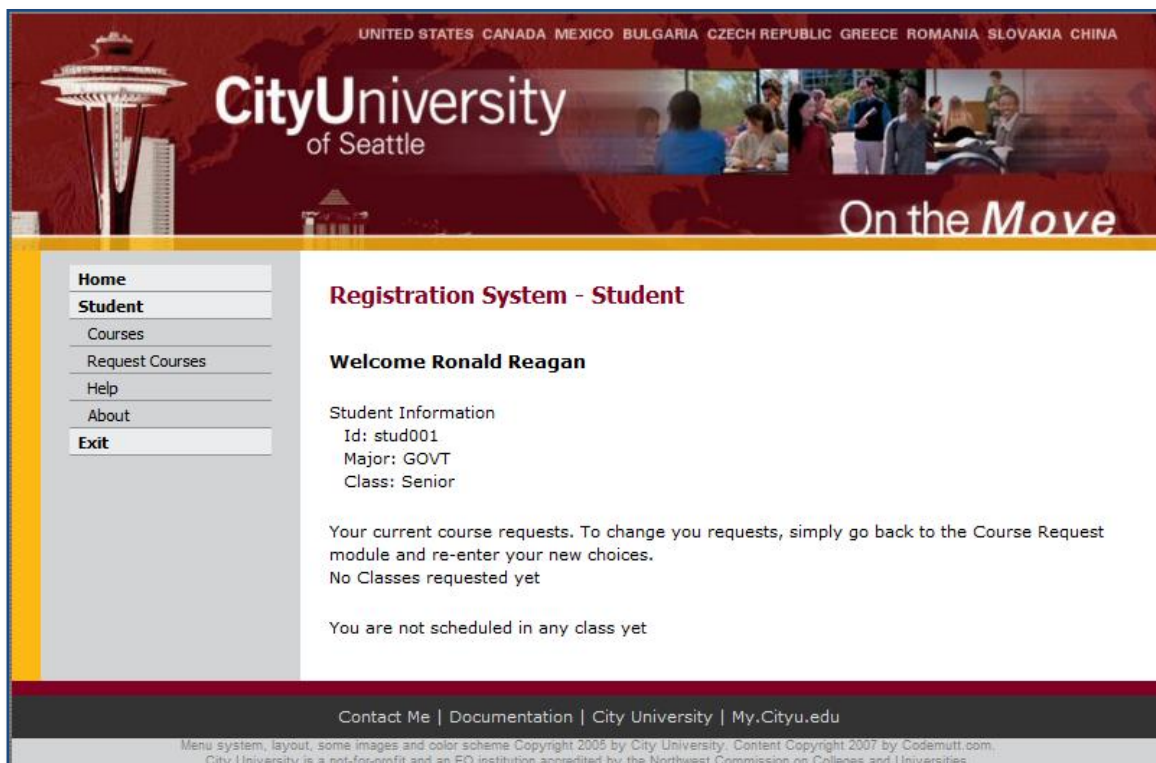


Figure 6 - Student Information Page without Requested or Scheduled Course

Student Information Page (Continued)

Once the student requests courses, the page will show those choices. They will be listed by course id and name.

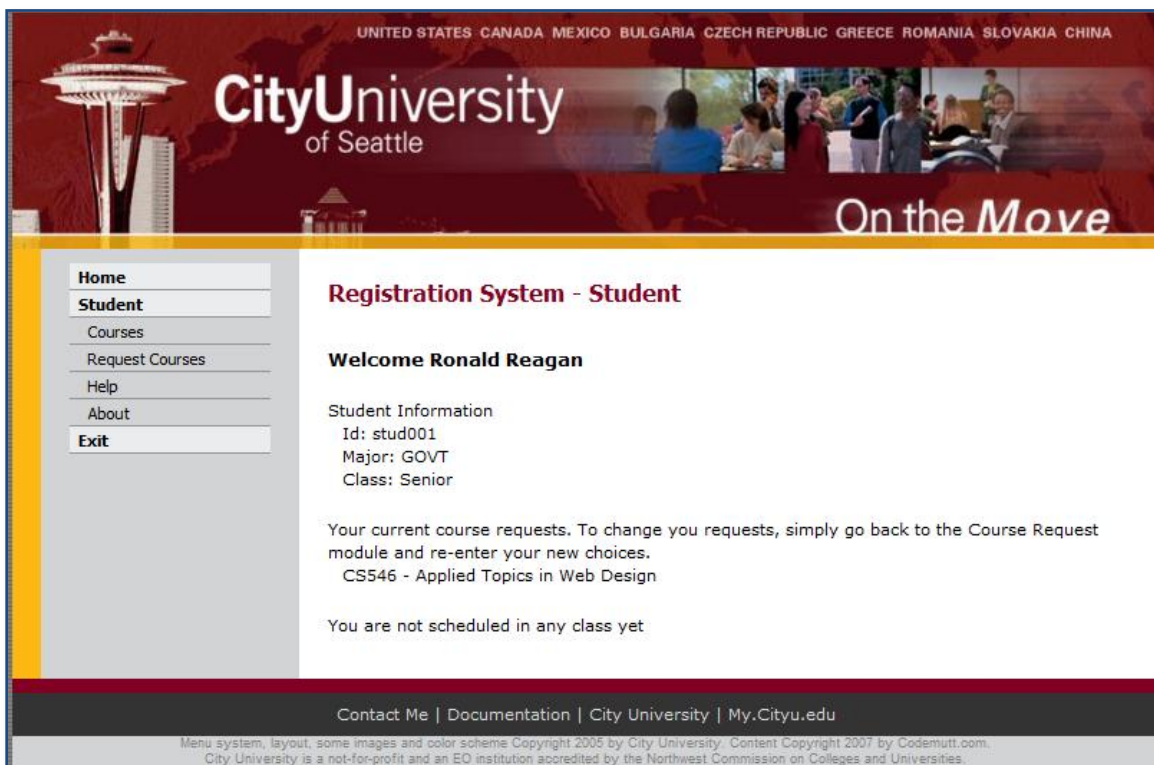


Figure 7 – Student Information Page with Requested Course(s)

Student Information Page (Continued)

After the Administrator runs the scheduling function, the information for the course the student was scheduled for will be shown.

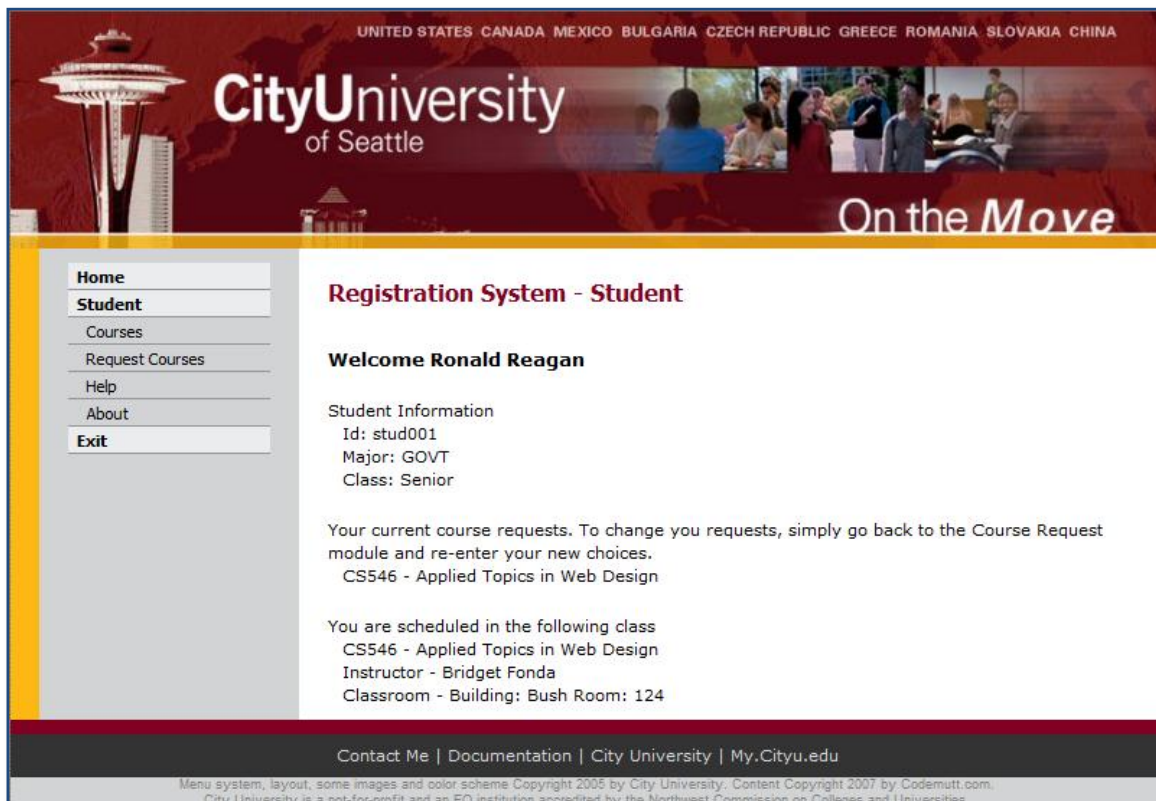


Figure 8 - Student Information Page with Scheduled Course

Course List Page

When a student is ready to select courses for the term, they can review the available courses by selecting [Courses](#) in the left hand navigation menu. The list of courses added by the Administrator will be displayed. The student can decide what courses they want to take and then proceed to the [Request Courses](#) link in the left hand navigation menu.

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On the *Move*

Home
Student
Courses
Request Courses
Help
About
Exit

Registration System - Student

Course List Module

These Courses are currently available for the term

CourseId	Name
AC421	Federal Income Tax I
AV503	Airport Management
BSM413	International Trade and Logistics
COM499	Independent Study
CP512	Family Systems Therapy
CS528	Practical Java Programming
CS530	Operating Systems in a Distributed Environment
CS537	Data Communications and Networks
CS538	Web Design and Implementation
CS541	Multimedia
CS542	Systems Analysis and Design
CS546	Applied Topics in Computer Science
CS549	Junkfood for the Web
CS550	Data Warehousing
CS555	Beginning C++

Figure 9 - Student Course List Page

Course Request Page

On the Course Request page, the student is given the option of selecting from one to three courses. The system will attempt to assign courses based upon the order they are chosen, so whatever course the student wants to take the most should be in the First Choice selection. Second and third choices are not required, but highly suggested in case their first choice course is full at scheduling time. Once the choices have been made, the student needs to click on the [Add Course Requests](#) button.

The screenshot shows the 'Registration System - Student' interface. At the top, there's a banner with the City University of Seattle logo and a list of countries: UNITED STATES, CANADA, MEXICO, BULGARIA, CZECH REPUBLIC, GREECE, ROMANIA, SLOVAKIA, CHINA. Below the banner is a navigation menu with links: Home, Student, Courses, Request Courses, Help, About, and Exit. The main content area is titled 'Registration System - Student' and 'Course Request Form for Ronald Reagan'. It displays student information: Id: stud040, Major: CS, Class: Junior. Below this, it says 'Course Request - First choice is a required field'. There are three dropdown menus for 'First:', 'Second:', and 'Third:' choices. Each dropdown menu has a list of course numbers: AC421, AV503, BSM413, COM499, and CP512. The 'First:' dropdown is currently selected. At the bottom of the form is a button labeled 'Add Course Requests'. The footer contains contact information and copyright notices.

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On the *Move*

Registration System - Student

Course Request Form for Ronald Reagan

Student Information
Id: stud040
Major: CS
Class: Junior

Course Request - First choice is a required field

First: AC421 AV503 BSM413 COM499 CP512 Second: AC421 AV503 BSM413 COM499 CP512 Third: AC421 AV503 BSM413 COM499 CP512

[Add Course Requests](#)

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Figure 10 - Student Request Course Page

VIII. Instructor Module

Instructor Information Page

When the instructor logs into the Registration System, they are greeted with a page that shows the courses that they can teach. If these are wrong or one is missing, they need to contact the administrator.

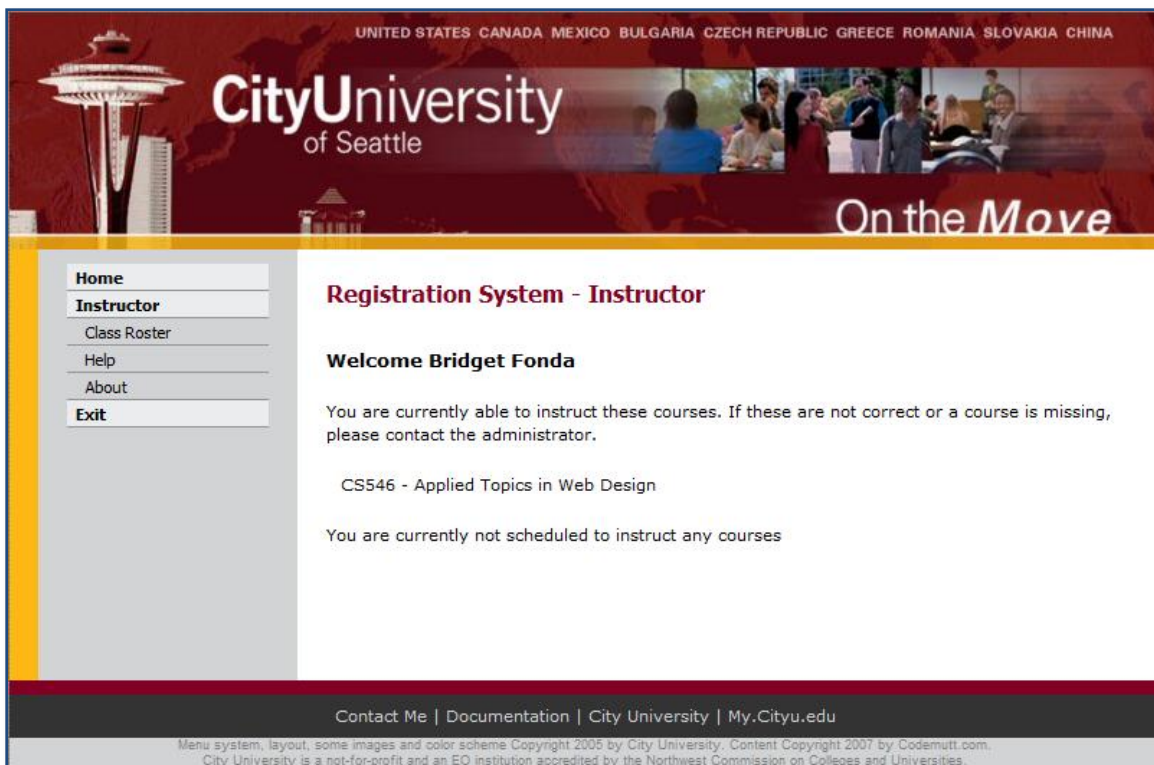


Figure 11 - Instructor Main Page before Scheduled

Instructor Information Page (Continued)

Once the scheduling function has been completed, the instructor page displays the course they are scheduled to teach and the classroom they are assigned to teach the course in.

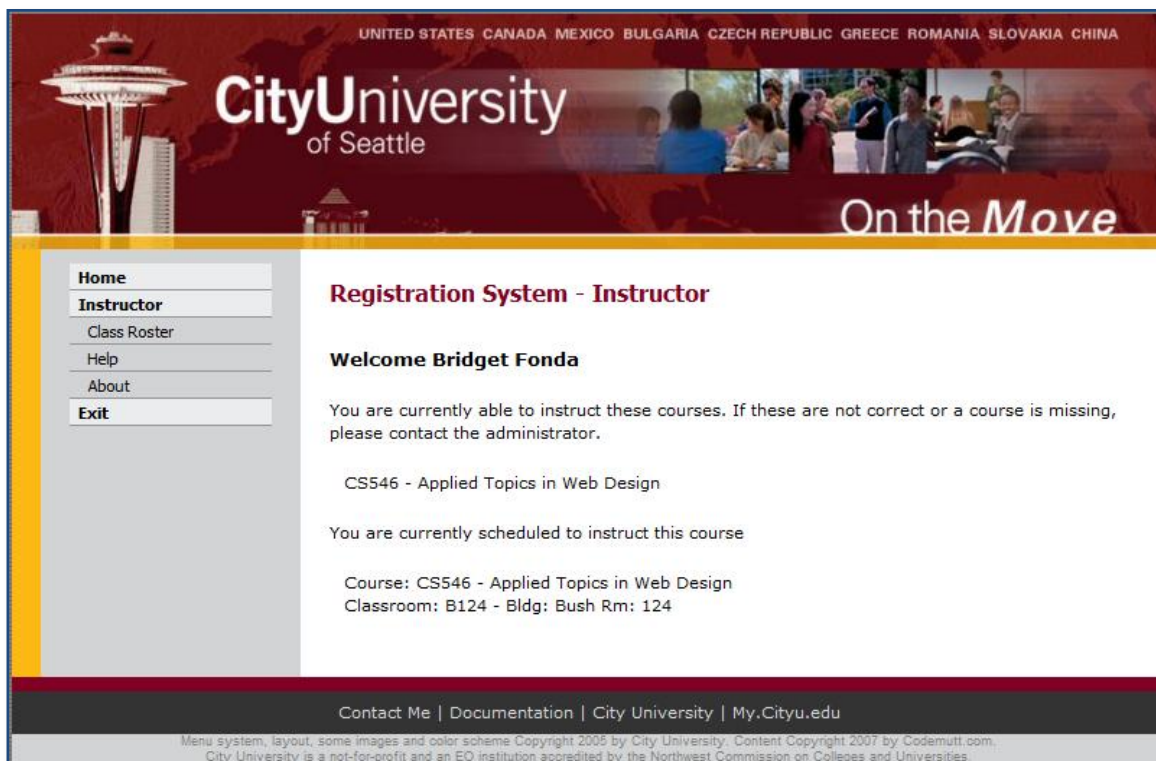


Figure 12 - Instructor Main Page after Scheduled

Instructor Class Roster Page

Until the administrator completes the scheduling function, the only option for the instructor, **Class Roster**, displays nothing useful.

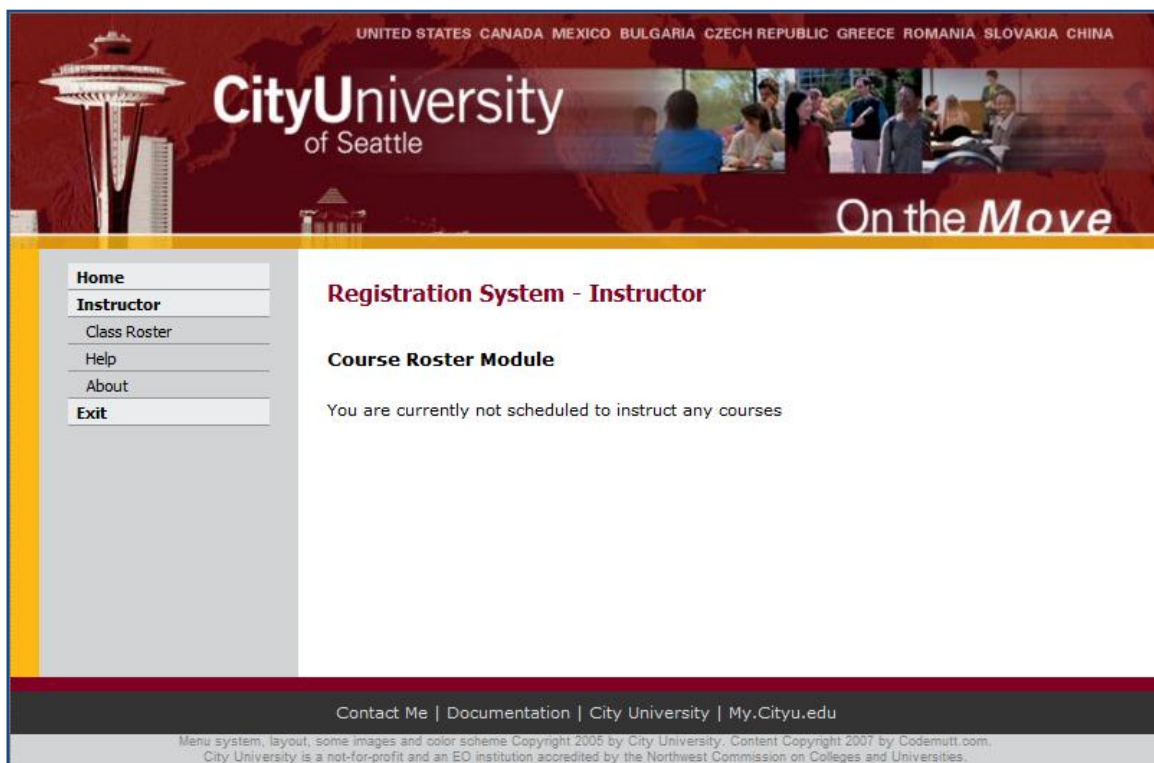


Figure 13 - Instructor Class Roster Page before Scheduled

Instructor Class Roster Page (Continued)

Once the administrator accomplishes the automated scheduling function, the **Class Roster** option will display a page with the course, class and student information for the course.

The screenshot shows the 'Registration System - Instructor' page. At the top, there is a banner with the City University of Seattle logo and a list of countries: UNITED STATES, CANADA, MEXICO, BULGARIA, CZECH REPUBLIC, GREECE, ROMANIA, SLOVAKIA, CHINA. Below the banner is a navigation menu with links: Home, Instructor, Class Roster, Help, About, and Exit. The main content area is titled 'Registration System - Instructor' and 'Course Roster Module'. It states: 'You are currently scheduled to instruct these courses'. Below this, it lists: 'Instructor: Bridget Fonda', 'Course: CS546 - Applied Topics in Web Design', and 'Classroom: B124 - Bldg: Bush, Room: 124'. A table displays the student roster:

Student Id	Student Name
stud001	Ronald Reagan

At the bottom, there is a footer with links: Contact Me | Documentation | City University | My.Cityu.edu. Below the footer, there is a small copyright notice: 'Menu system, layout, some images and color scheme Copyright 2005 by City University. Content Copyright 2007 by Codemutt.com. City University is a not-for-profit and an EO institution accredited by the Northwest Commission on Colleges and Universities.'

IX. Administrator Module

The administrator is the backbone of the Registration System. The administrator has the job of maintaining the database tables through the set of functions available to them in this system. The functions available to the administrator are all of the add, change and delete functions for the student, instructor, class, and course tables. In addition, the administrator controls the automated scheduling function.

On the main Administrator page, the left hand navigation menu provides links to the specific functions for the tables. **Class Rosters** will not give useful information until the **Automated Functions** has been accomplished. And the **Automated Functions** cannot be accomplished until all student, instructor, course and class information has been entered. Any early attempt at the automated function will result in incorrect data being available to the students and instructors..

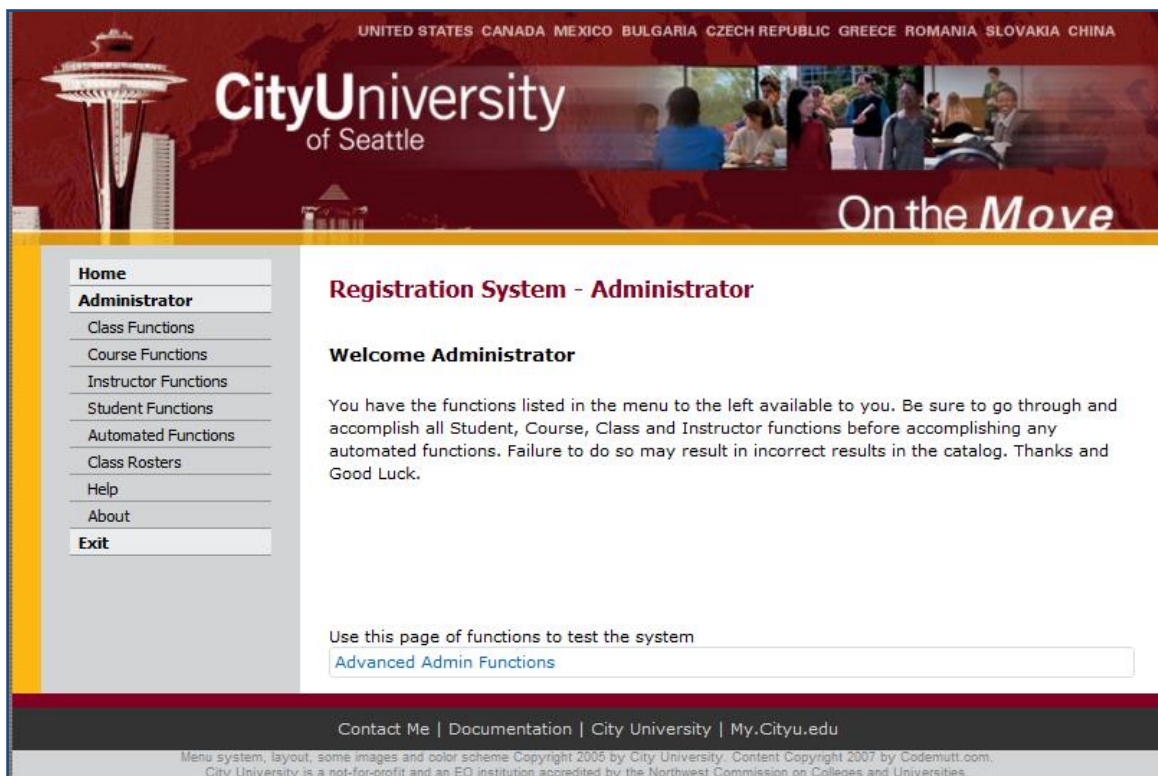


Figure 15 - Main Administrator Page

a. Class Functions

Class Administration Page

In the **Class Functions**, the administrator can add, change and delete student information. Initially, the Class Administration page will look like this one. The **Add Classrooms** link will take the user to the page that will let the user add classrooms to the system.

As the Class table is populated with additions, the list of classrooms will grow on the page. The **Add Classrooms** link is only available on the main Classroom functions page.

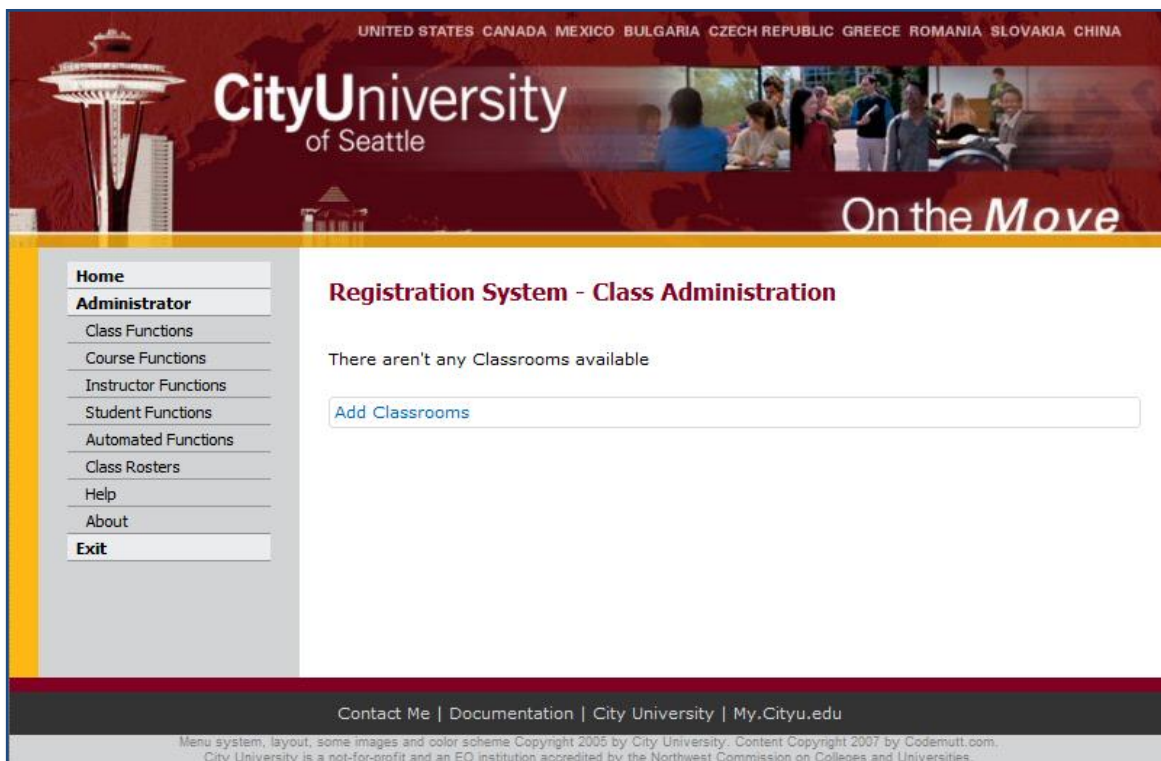


Figure 16 - Class Administration Page before Scheduling

Class Administration Page (Continued)

In the list of the classrooms are the links for [Delete](#) and [Change](#). The Delete function will remove the classroom from the table and return to this page. The Change function will open the record on the Change Class page to be modified.

Registration System - Class Administration

These Classrooms are currently available for the term

[Add Classrooms](#)

ClassId	Building	Room	Capacity		
A100	Adams	100	9	Delete	Change
A104	Adams	104	9	Delete	Change
A120	Adams	120	9	Delete	Change
A130	Adams	130	9	Delete	Change
B124	Bush	124	9	Delete	Change
B202	Bush	202	9	Delete	Change
B220	Bush	220	9	Delete	Change
B221	Bush	221	9	Delete	Change
B222	Bush	222	9	Delete	Change
B223	Bush	223	9	Delete	Change
B320	Bush	320	9	Delete	Change
G130	Grant	130	9	Delete	Change
G131	Grant	131	9	Delete	Change
G132	Grant	132	9	Delete	Change
G133	Grant	133	9	Delete	Change
G134	Grant	134	9	Delete	Change
G221	Grant	221	9	Delete	Change
G222	Grant	222	9	Delete	Change
L131	Lincoln	131	9	Delete	Change
L132	Lincoln	132	9	Delete	Change

Figure 17 - Class Administration Page with Classes added

Add Class Page

To add classrooms to the system, click on the [Add Classrooms](#) link. This will take you to the Add Class Module. The steps are:

1. Enter a classroom Id. The suggested format is the first letter of the building name followed by the room number. So, for Bush 142, the id would be B142.
2. Enter the building name.
3. Enter the room number.
4. Enter the capacity of the classroom.
5. Ensure all is correct and Click on the [Add Class](#) button.

The classroom will be added to the table and displayed in the list for you to see. You will be returned to the Add Class page to add more classes. When you are done entering classes, select one of the other functions as needed or select [Exit](#) if you are done with Registration System.

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Registration System - Class Administration

Add Class Module

Class ID: * Required
Building: * Required
Room: * Required
Capacity: * Required

Add Class

There aren't any Classrooms available

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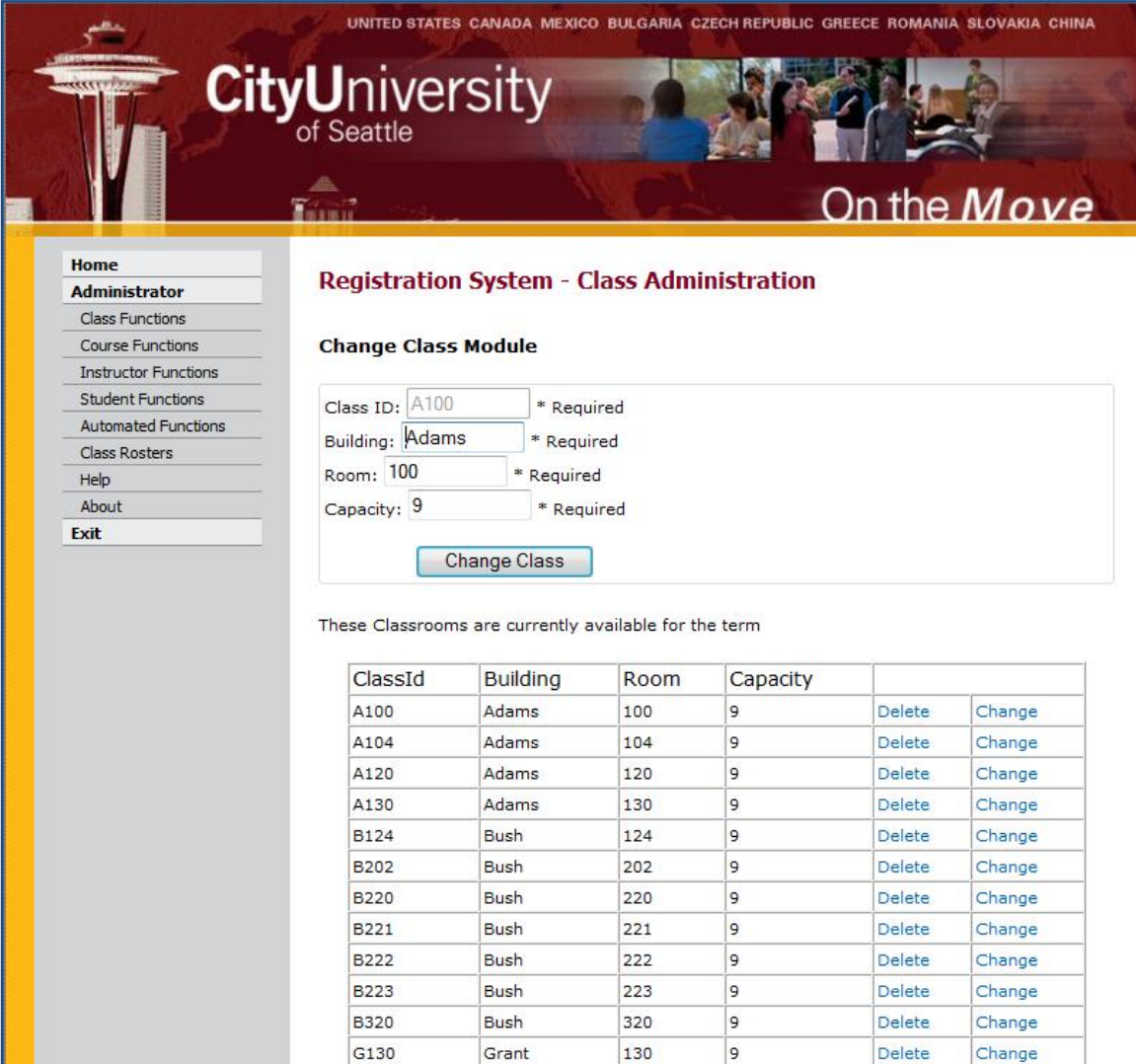
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Figure 18 - Add Class Page

Change Class Page (Continued)

The Change Class function is very similar to the Add Class page except the Class Id cannot be modified. Change the building, room or capacity as required and click on the **Change Class** button to save your changes.

If you need to change the Class Id, you will need to delete the original classroom and use the **Add Classrooms** function to put it back in the table.



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Registration System - Class Administration

Change Class Module

Class ID: * Required
Building: * Required
Room: * Required
Capacity: * Required

These Classrooms are currently available for the term

ClassId	Building	Room	Capacity		
A100	Adams	100	9	Delete	Change
A104	Adams	104	9	Delete	Change
A120	Adams	120	9	Delete	Change
A130	Adams	130	9	Delete	Change
B124	Bush	124	9	Delete	Change
B202	Bush	202	9	Delete	Change
B220	Bush	220	9	Delete	Change
B221	Bush	221	9	Delete	Change
B222	Bush	222	9	Delete	Change
B223	Bush	223	9	Delete	Change
B320	Bush	320	9	Delete	Change
G130	Grant	130	9	Delete	Change

Figure 19 – Change Class Page with Classes added

b. Course Functions

Course Administration Page

The Course functions are identical to the Class functions. The administrator can add, change and delete course information. Initially, the Course Administration page will look like this one. The [Add Courses](#) link will take the user to the page that will let the user add courses to the system.

As the Course table is populated with additions, the list of courses will grow on the page. The [Add Courses](#) link is only available on the main Course functions page.

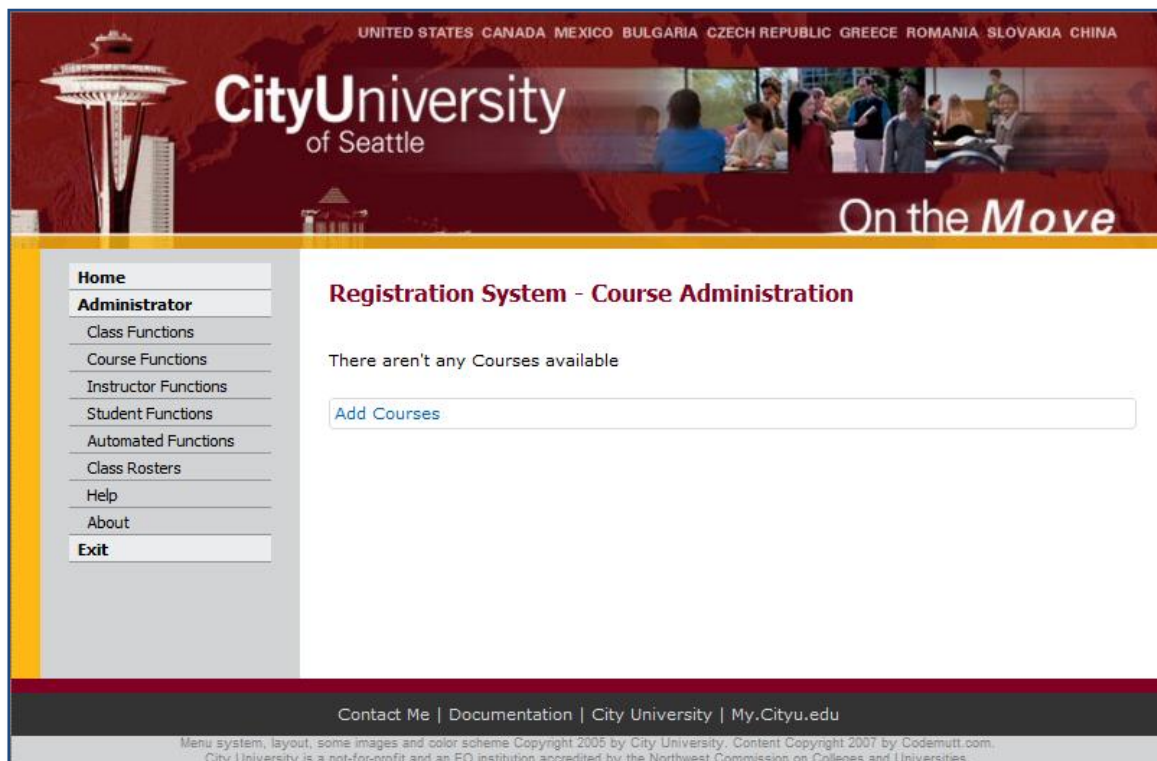
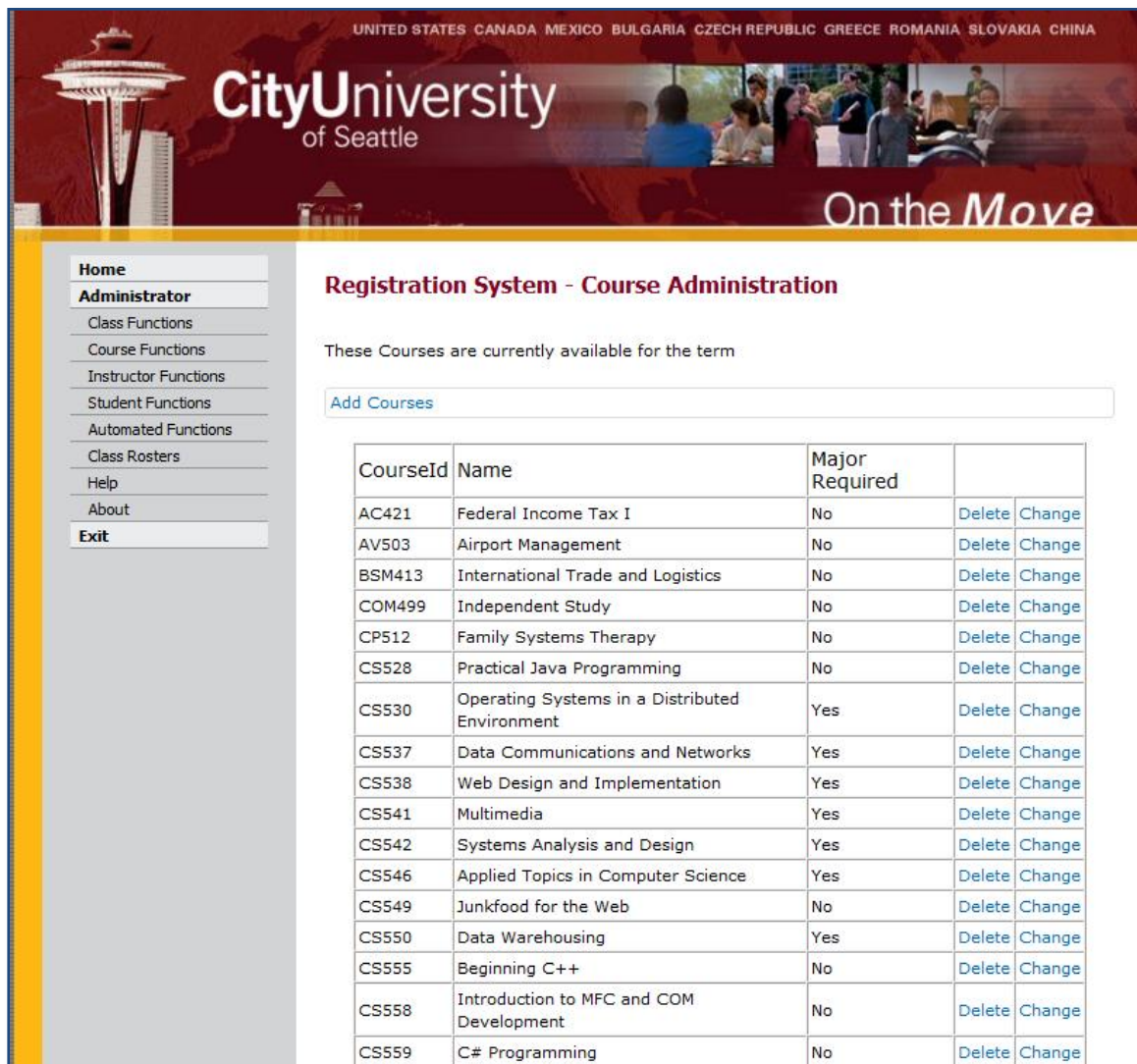


Figure 20 - Course Administration Page

Course Administration Page (Continued)

In the list of the courses are the links for [Delete](#) and [Change](#). The Delete function will remove the course from the table and return to this page. The Change function will open the record on the Change Course page to be modified.



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Registration System - Course Administration

These Courses are currently available for the term

[Add Courses](#)

CourseId	Name	Major Required		
AC421	Federal Income Tax I	No	Delete	Change
AV503	Airport Management	No	Delete	Change
BSM413	International Trade and Logistics	No	Delete	Change
COM499	Independent Study	No	Delete	Change
CP512	Family Systems Therapy	No	Delete	Change
CS528	Practical Java Programming	No	Delete	Change
CS530	Operating Systems in a Distributed Environment	Yes	Delete	Change
CS537	Data Communications and Networks	Yes	Delete	Change
CS538	Web Design and Implementation	Yes	Delete	Change
CS541	Multimedia	Yes	Delete	Change
CS542	Systems Analysis and Design	Yes	Delete	Change
CS546	Applied Topics in Computer Science	Yes	Delete	Change
CS549	Junkfood for the Web	No	Delete	Change
CS550	Data Warehousing	Yes	Delete	Change
CS555	Beginning C++	No	Delete	Change
CS558	Introduction to MFC and COM Development	No	Delete	Change
CS559	C# Programming	No	Delete	Change

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Figure 21 - Course Administration Page with Courses Added

Add Course Page

To add courses to the system, click on the [Add Courses](#) link. This will take you to the Add Course Module. The steps are:

1. Enter a Course Id. The suggested format is the program identifier followed by the course number. So, for Business Administration 142, the id would be BA142.

2. Enter the course name.

3. Check on whether or not the course is required for a degree program.

4. Ensure all is correct and Click on the [Add Course](#) button.

The course will be added to the table and displayed in the list for you to see. You will be returned to the Add Course page to add more courses. When you are done entering classes, select one of the other functions as needed or select [Exit](#) if you are done with Registration System.

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Registration System - Course Administration

Add Course Module

Course ID: * Required

Name: * Required

Major Required: ☐ Yes ☐ No * Required

There aren't any Courses available

Contact Me | Documentation | City University | My.Cityu.edu

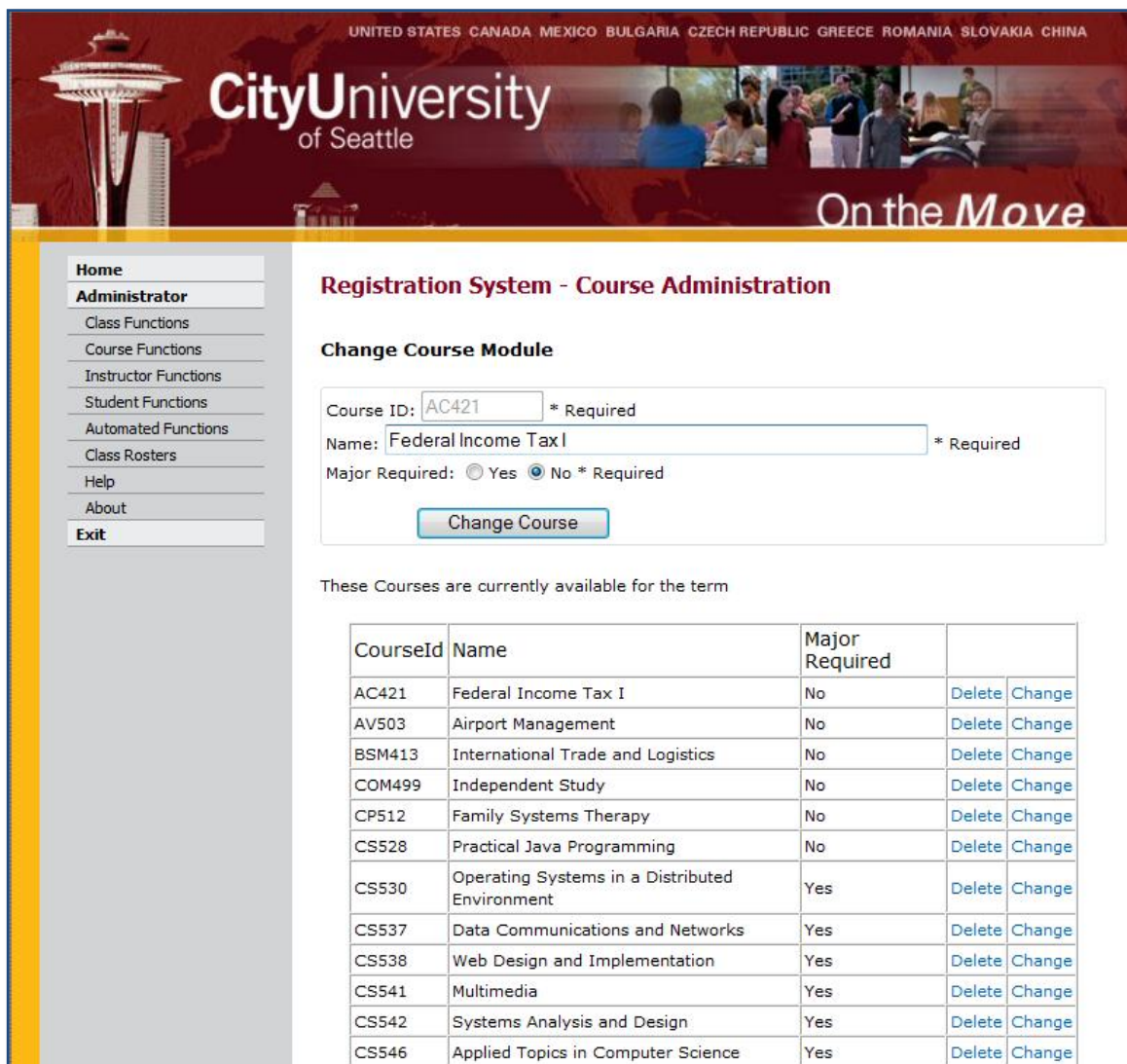
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Figure 22 - Add Course Page

Change Course Page

The Change Course function is very similar to the Add Course page except the Course Id cannot be modified. Change the name of the course or degree requirement as required and click on the [Change Course](#) button to save your changes.

If you need to change the Course Id, you will need to delete the original course and use the [Add Courses](#) function to put it back in the table.



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Registration System - Course Administration

Change Course Module

Course ID: * Required

Name: * Required

Major Required: ☐ Yes ☒ No * Required

These Courses are currently available for the term

CourseId	Name	Major Required		
AC421	Federal Income Tax I	No	Delete	Change
AV503	Airport Management	No	Delete	Change
BSM413	International Trade and Logistics	No	Delete	Change
COM499	Independent Study	No	Delete	Change
CP512	Family Systems Therapy	No	Delete	Change
CS528	Practical Java Programming	No	Delete	Change
CS530	Operating Systems in a Distributed Environment	Yes	Delete	Change
CS537	Data Communications and Networks	Yes	Delete	Change
CS538	Web Design and Implementation	Yes	Delete	Change
CS541	Multimedia	Yes	Delete	Change
CS542	Systems Analysis and Design	Yes	Delete	Change
CS546	Applied Topics in Computer Science	Yes	Delete	Change

Figure 23 - Change Course Page

c. Instructor Functions

Instructor Administration Page

The Instructor functions are identical to the Class functions. The administrator can add, change and delete instructor information. Initially, the Instructor Administration page will look like this one. The [Add Instructors](#) link will take the user to the page that will let the user add instructors to the system.

As the Instructors table is populated with additions, the list of instructors will grow on the page. The [Add Instructors](#) link is only available on the main Instructors functions page.

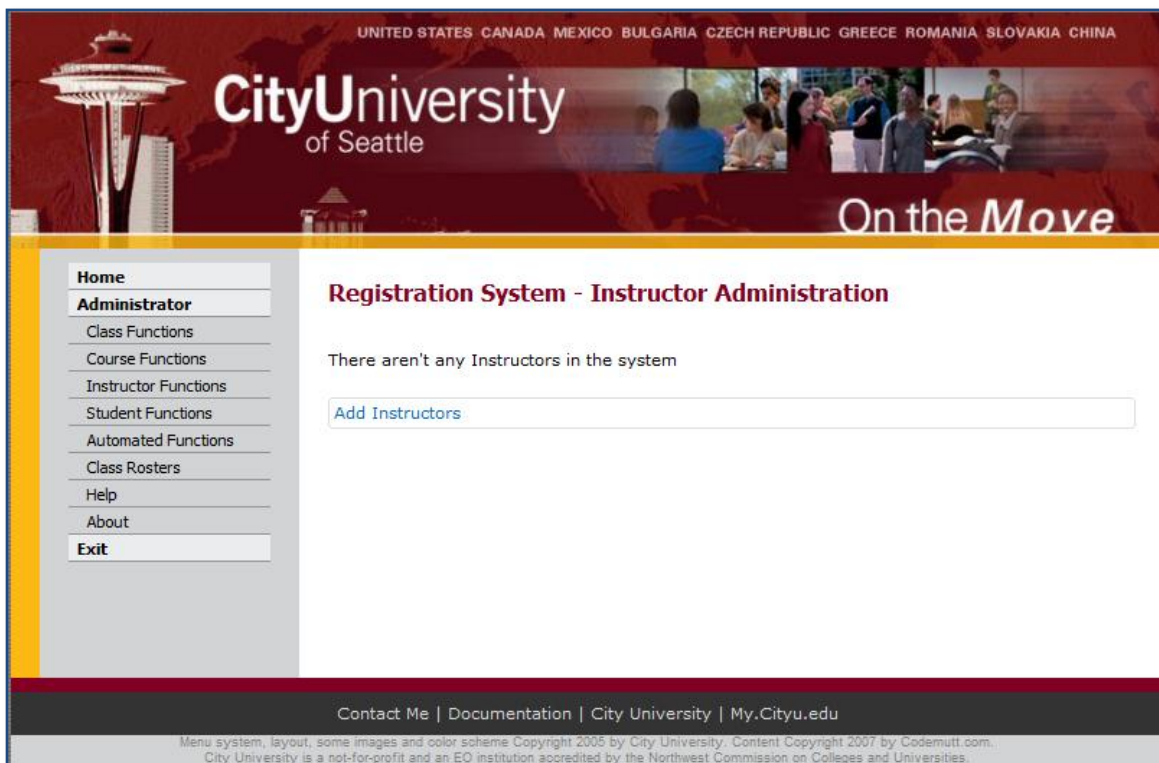
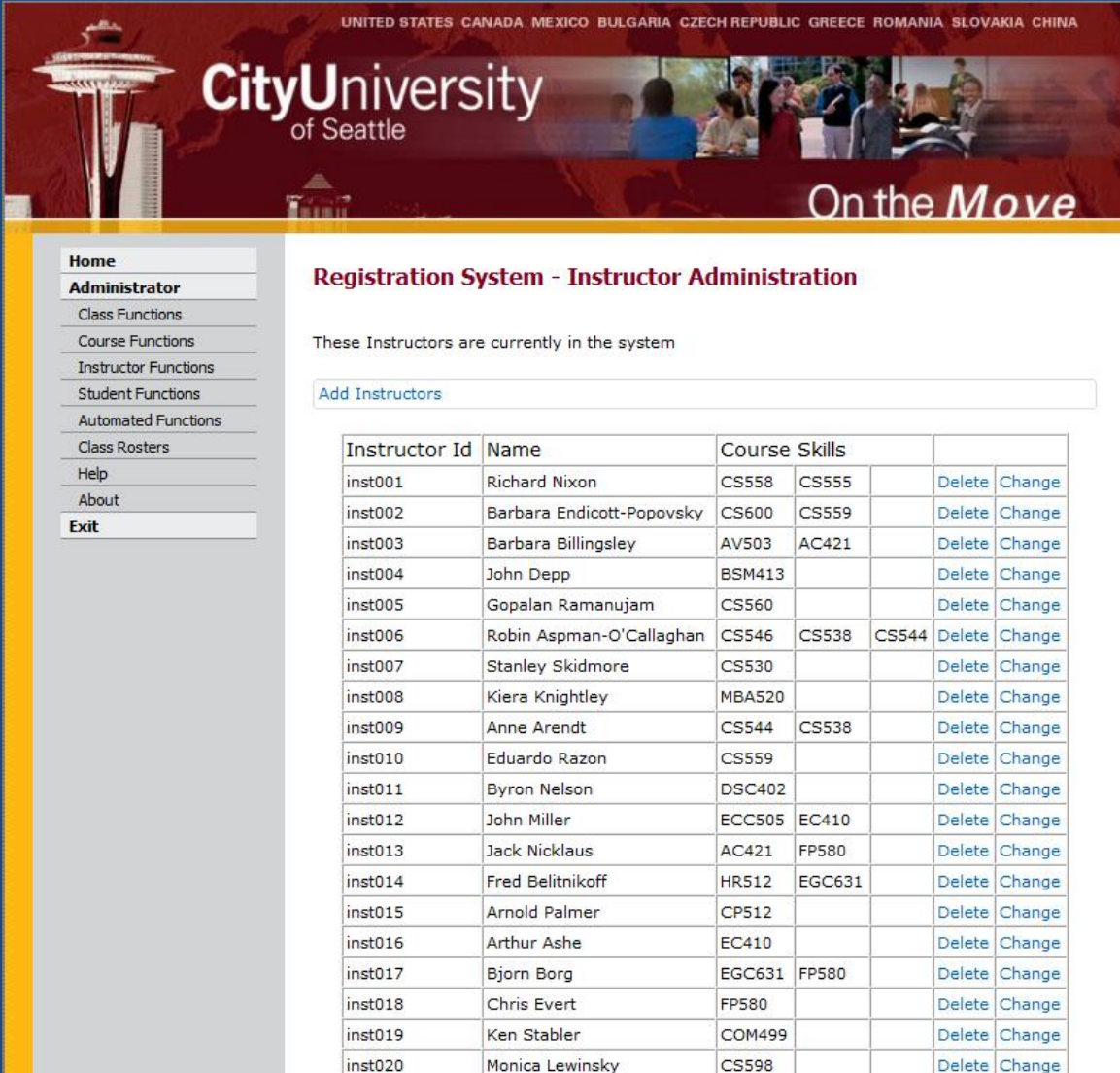


Figure 24 - Instructor Administration Page

Instructor Administration Page (Continued)

In the list of the instructors are the links for [Delete](#) and [Change](#). The Delete function will remove the instructor from the table and return to this page. The Change function will open the record on the Change Instructor page to be modified.



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On the Move

Registration System - Instructor Administration

These Instructors are currently in the system

[Add Instructors](#)

Instructor Id	Name	Course Skills		
inst001	Richard Nixon	CS558 CS555	Delete	Change
inst002	Barbara Endicott-Popovsky	CS600 CS559	Delete	Change
inst003	Barbara Billingsley	AV503 AC421	Delete	Change
inst004	John Depp	BSM413	Delete	Change
inst005	Gopalan Ramanujam	CS560	Delete	Change
inst006	Robin Aspmann-O'Callaghan	CS546 CS538 CS544	Delete	Change
inst007	Stanley Skidmore	CS530	Delete	Change
inst008	Kiera Knightley	MBA520	Delete	Change
inst009	Anne Arendt	CS544 CS538	Delete	Change
inst010	Eduardo Razon	CS559	Delete	Change
inst011	Byron Nelson	DSC402	Delete	Change
inst012	John Miller	ECC505 EC410	Delete	Change
inst013	Jack Nicklaus	AC421 FP580	Delete	Change
inst014	Fred Belitnikoff	HR512 EGC631	Delete	Change
inst015	Arnold Palmer	CP512	Delete	Change
inst016	Arthur Ashe	EC410	Delete	Change
inst017	Bjorn Borg	EGC631 FP580	Delete	Change
inst018	Chris Evert	FP580	Delete	Change
inst019	Ken Stabler	COM499	Delete	Change
inst020	Monica Lewinsky	CS598	Delete	Change

Figure 25 - Instructor Administration Page with Instructors Added

Add Instructor Page

To add instructors to the system, click on the [Add Instructors](#) link. This will take you to the Add Instructors Module. The steps are:

1. Enter an Instructors Id. The suggested format is *instxxx* with the *xxx* being a number from 001 to 999. So, for the first instructor added, the id would be *inst001*. The system will create a secure login for the instructor using the Instructor Id as both the *username* and *password*.
2. Enter the instructor's name.
3. Enter the course skills of the instructor. A course skill is a course the instructor is able to teach. One is required but up to three are allowed.
4. Ensure all is correct and Click on the [Add Instructors](#) button.

The instructor will be added to the table and displayed in the list for you to see. You will be returned to the Add Instructors page to add more instructors. When you are done entering instructors, select one of the other functions as needed or select [Exit](#) if you are done with Registration System.

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Registration System - Instructor Administration

Add Instructor Module

Instructor ID: * Required

Name: * Required

Course Skill: * Required

Course Skill:

Course Skill:

There aren't any Instructors in the system

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Figure 26 - Add Instructor Page

Change Instructor Page

The Change Instructor function is very similar to the Add Instructor page except the Instructor Id cannot be modified. Change the name of the instructor or course skills as required and click on the **Change Instructor** button to save your changes.

If you need to change the Instructor Id, you will need to delete the original instructor and use the **Add Instructors** function to put it back in the table.

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Registration System - Instructor Administration

Change Instructor Module

Instructor ID: * Required

Name: * Required

Course Skill: * Required

Course Skill:

Course Skill:

These Instructors are currently in the system

Instructor Id	Name	Course Skills		
inst001	Richard Nixon	CS558 CS555	Delete	Change
inst002	Barbara Endicott-Popovsky	CS600 CS559	Delete	Change
inst003	Barbara Billingsley	AV503 AC421	Delete	Change
inst004	John Depp	BSM413	Delete	Change
inst005	Gopalan Ramanujam	CS560	Delete	Change
inst006	Robin Aspmann-O'Callaghan	CS546 CS538 CS544	Delete	Change
inst007	Stanley Skidmore	CS530	Delete	Change
inst008	Kiera Knightley	MBA520	Delete	Change
inst009	Anne Arendt	CS544 CS538	Delete	Change
inst010	Eduardo Razon	CS559	Delete	Change
inst011	Byron Nelson	DSC402	Delete	Change
inst012	John Miller	ECC505 EC410	Delete	Change

Figure 27 - Change Instructor Page

d.Student Functions

Student Administration Page

The Student functions are identical to the Class functions. The administrator can add, change and delete student information. Initially, the Student Administration page will look like this. The [Add Students](#) link will take the user to the page that lets the user add students to the system.

As the Students table is populated with additions, the list of students will grow on the page. The [Add Students](#) link is only available on the main Instructors functions page.

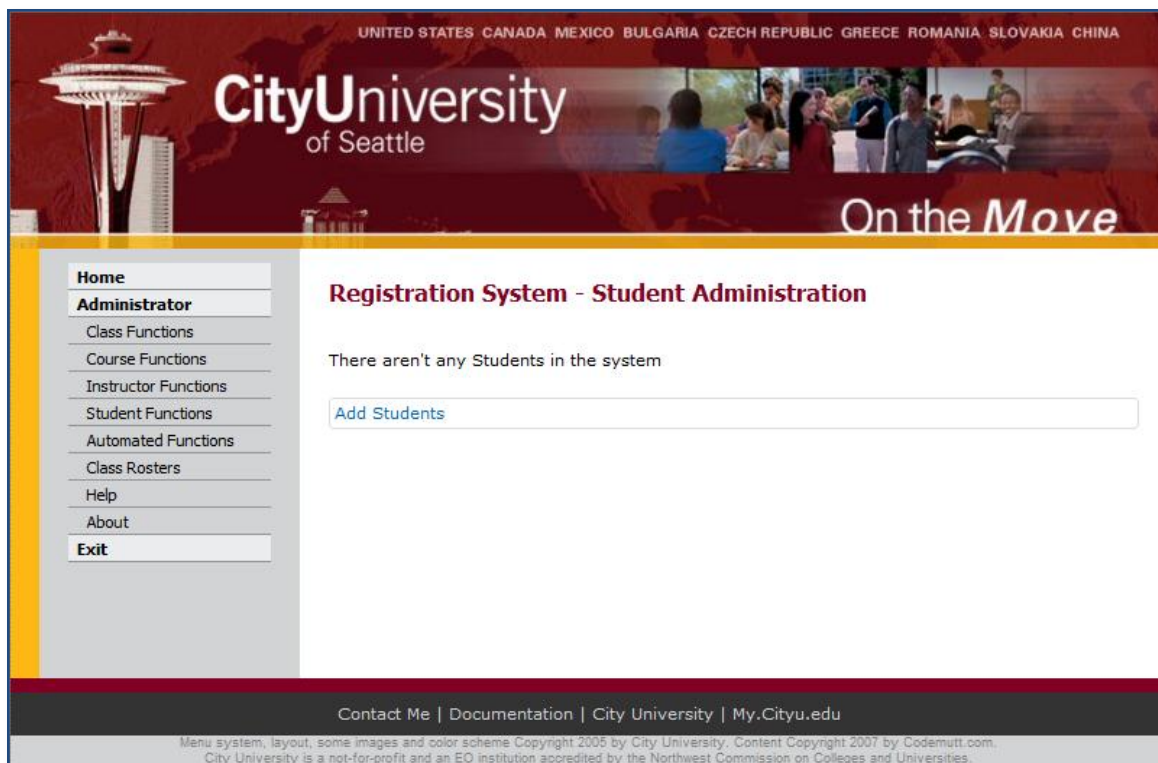


Figure 28 - Student Administration Page

Student Administration Page (Continued)

In the list of the students are the links for [Delete](#) and [Change](#). The Delete function will remove the student from the table and return to this page. The Change function will open the record on the Change Student page to be modified.

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Registration System - Student Administration

These Students are currently in the system

[Add Students](#)

Student Id	Name	Major	Class	Course Requests				
stud001	George Washington	EGC	Senior	CS549	EGC631	BSM413	Delete	Change
stud002	John Adams	BS	Senior	CS549	CS530	BSM413	Delete	Change
stud003	Thomas Jefferson	AC	Junior	CS549	COM499	CP512	Delete	Change
stud004	James Madison	CS	Junior	CS549	CS559	CS558	Delete	Change
stud005	James Monroe	CS	Junior	CS549	CS598	FP580	Delete	Change
stud006	John Quincy Adams	Ed	Senior	CS549	EGC631	CS537	Delete	Change
stud007	Andrew Jackson	MBA	Sophomore	MBA520	CS549	EC410	Delete	Change
stud008	Martin van Buren	DSC	Sophomore	DSC402	CS549	BSM413	Delete	Change
stud009	William Henry Harrison	CS	Senior	AV503	COM499	CP512	Delete	Change
stud010	John Tyler	CP	Sophomore	CP512	CS549	COM499	Delete	Change
stud011	James Polk	CS	Senior	CS549	CS560	CS563	Delete	Change
stud012	Zachary Taylor	CS	Senior	CS549	CS559	CS537	Delete	Change

Figure 29 - Student Administration Page with Students Added

Add Student Page

To add students to the system, click on the [Add Students](#) link. This will take you to the Add Students Module. The steps are:

1. Enter a Students Id. The suggested format is *studxxx* with the *xxx* being a number from 001 to 999. So, for the first student added, the id would be *stud001*. The system will create a secure login for the student using the Student Id as both the *username* and *password*.

2. Enter the student's name.

3. Enter the major of the student.

4. Select the current class level of the student.

5. Ensure all is correct and Click on the [Add Student](#) button.

The student will be added to the table and displayed in the list for you to see. You will be returned to the Add Student page to add more students. When you are done entering students, select one of the other functions as needed or select [Exit](#) if you are done with Registration System.

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Registration System - Student Administration

Add Student Module

Student ID: * Required

Name: * Required

Major: * Required

Class Level: ☐ Senior ☐ Junior ☐ Sophomore ☐ Freshman * Required

There aren't any Students in the system

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Figure 30 - Add Student Page

Change Student Page

The Change Student function is very similar to the Add Student page except the Student Id cannot be modified. Change the name of the student or course skills as required and click on the **Change Student** button to save your changes.

If you need to change the Student Id, you will need to delete the original student and use the **Add Students** function to put it back in the table.

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Registration System - Student Administration

Change Student Module

Student ID: * Required

Name: * Required

Major: * Required

Class Level: ☐ Senior ☒ Junior ☐ Sophomore ☐ Freshman * Required

These Students are currently in the system

Student Id	Name	Major	Class	Course Requests				
stud001	George Washington	EGC	Senior	CS549	EGC631	BSM413	Delete	Change
stud002	John Adams	BS	Senior	CS549	CS530	BSM413	Delete	Change
stud003	Thomas Jefferson	AC	Junior	CS549	COM499	CP512	Delete	Change
stud004	James Madison	CS	Junior	CS549	CS559	CS558	Delete	Change
stud005	James Monroe	CS	Junior	CS549	CS598	FP580	Delete	Change
stud006	John Quincy Adams	Ed	Senior	CS549	EGC631	CS537	Delete	Change
stud007	Andrew Jackson	MBA	Sophomore	MBA520	CS549	EC410	Delete	Change
stud008	Martin van Buren	DSC	Sophomore	DSC402	CS549	BSM413	Delete	Change

Figure 31 – Change Student Page

e. Automated Functions

Administrator Automation Page

The Automated functions take care of the tedious job of matching instructors to courses, courses to classes, and assigning students to the courses. The instructor to course matching uses the course skills loaded with each instructor. The classes are randomly assigned against the courses. The students are given priority based upon class level and major track when being assigned to the courses. The class capacity drives how important the priority becomes.

To start the automated functions, the administrator clicks on the [Start Auto Function](#) link on the Automated Functions page.

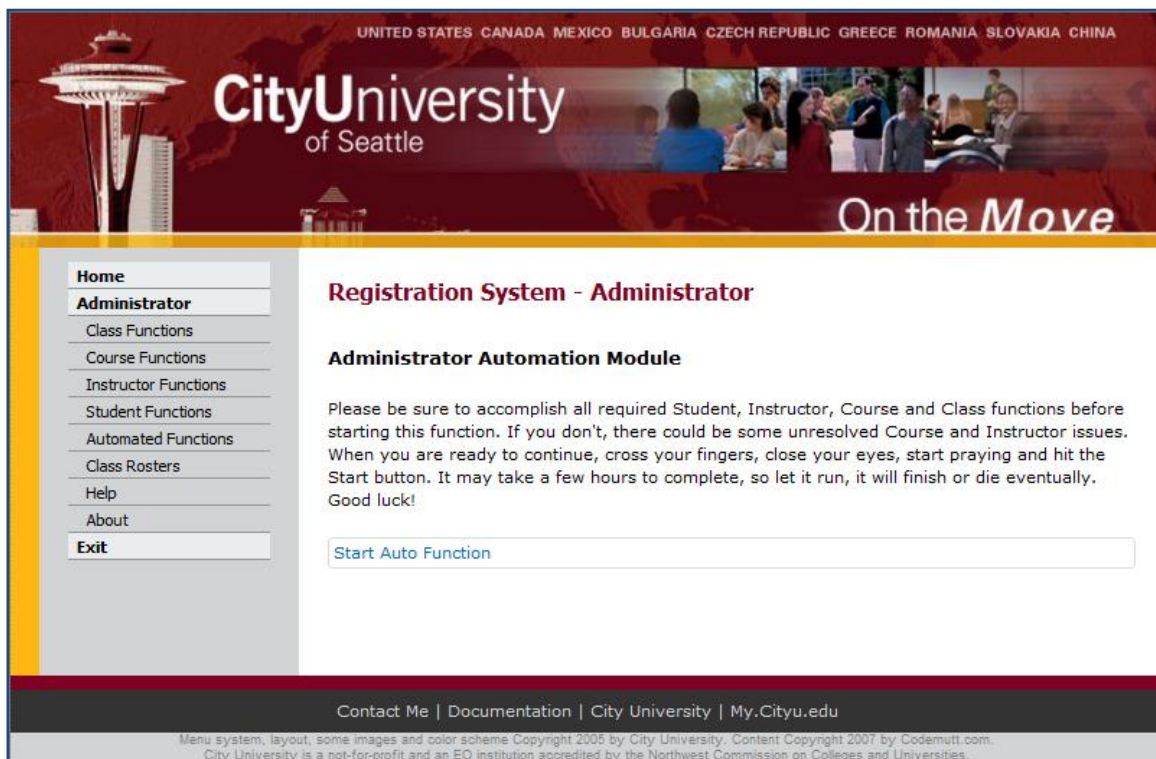


Figure 32 - Administrator Automated Functions Page

Administrator Automation Completion Page

Once completed, this page loads showing statistics on choice versus registration. It will also show how many students did not get a course assigned. The [Class Rosters](#) link shows at the bottom of the page and it will take you to the Class Roster page.

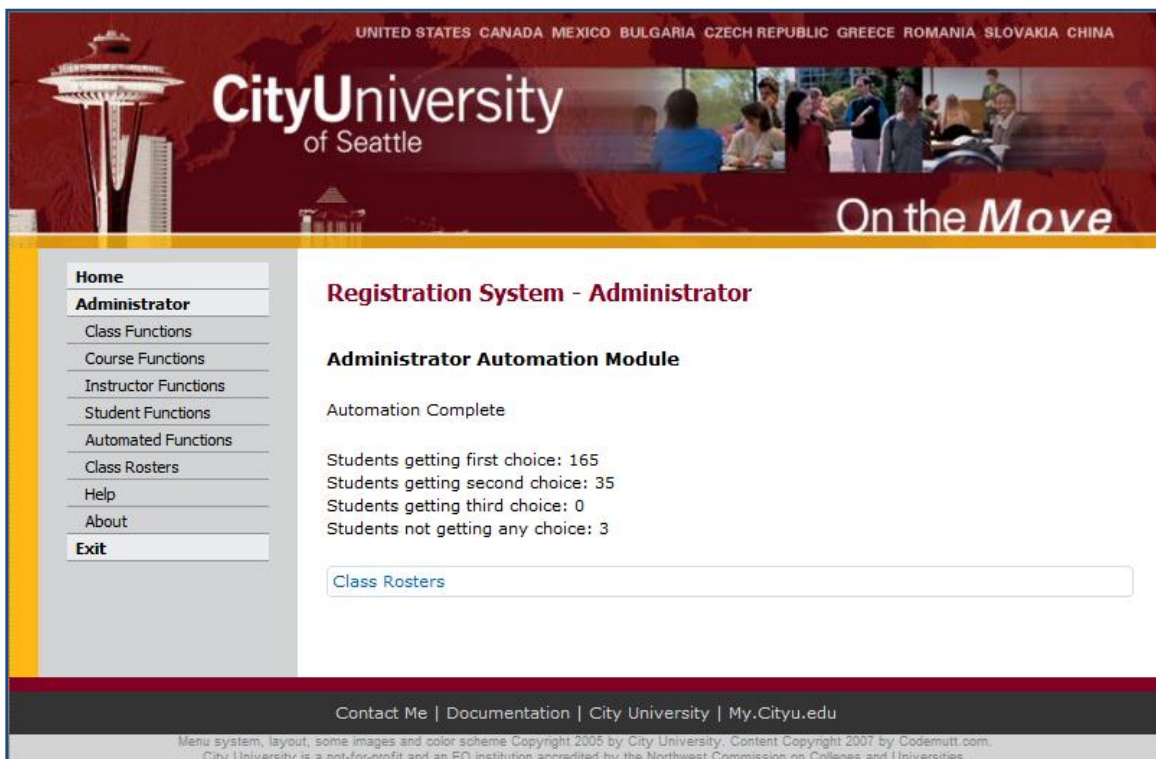


Figure 33 – Administration Automation Completion Page

f. Class Rosters

Administrator Class Roster Page

The class rosters will be available after the automated functions are completed. If you attempt to get the class rosters before the administrator has completed the automated scheduling function, you will get this page.



Figure 34 - Administrator Class Roster Page before Scheduling

Administrator Class Roster Page (Continued)

The Administrator Class Roster page shows a list of the courses scheduled with their respective classroom information, instructor information, and the number of students enrolled in the class.

The [Roster](#) link takes you to a page showing the specific class roster for that course.

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Registration System - Administrator

Administrator Class Roster Module

Course ID	Course Name	Bldg	Room	Instructor	Num Enrolled	
AC421	Federal Income Tax I	Grant	130	Jack Nicklaus	7	Roster
AV503	Airport Management	Grant	131	Barbara Billingsley	9	Roster
BSM413	International Trade and Logistics	Adams	100	John Depp	9	Roster
COM499	Independent Study	Grant	222	Ken Stabler	8	Roster
CP512	Family Systems Therapy	Lincoln	154	Arnold Palmer	8	Roster
CS528	Practical Java Programming	Reagan	123	Elizabeth Swann	8	Roster
CS530	Operating Systems in a Distributed Environment	Grant	221	Stanley Skidmore	8	Roster
CS537	Data Communications and Networks	Bush	222	Bridget Fonda	4	Roster
CS538	Web Design and Implementation	Grant	133	Anne Arendt	7	Roster
CS541	Multimedia	Bush	223	Boyd Smith	6	Roster
CS542	Systems Analysis and Design	Bush	124	Jack Sparrow	5	Roster
CS546	Applied Topics in Computer Science	Lincoln	133	Robin Aspmann-O'Callaghan	6	Roster
CS549	Junkfood for the Web	Reagan	124	Rush Limbaugh	9	Roster
CS550	Data Warehousing	Reagan	125	William Gates	9	Roster

Figure 35 - Administrator Class Roster Page after Scheduling

Administrator Class Roster Page (Continued)

The roster shows the administrator the student information of the students enrolled in the course. It will also show how the capacity matches against the enrollments.

The screenshot displays the City University of Seattle Registration System interface for an administrator. The header features the university's name, a list of international locations (UNITED STATES, CANADA, MEXICO, BULGARIA, CZECH REPUBLIC, GREECE, ROMANIA, SLOVAKIA, CHINA), and the slogan "On the Move". A left-hand navigation menu includes links for Home, Administrator, Class Functions, Course Functions, Instructor Functions, Student Functions, Automated Functions, Class Rosters, Help, About, and Exit. The main content area is titled "Registration System - Administrator" and "Class Roster for CS546". It provides course details: Course: CS546 - Applied Topics in Computer Science, Class: L133 - Bldg: Lincoln Room: 133, Instructor: inst006 - Robin Aspmann-O'Callaghan, and Capacity: 9 Num Enrolled: 6. Below this is a table listing the enrolled students.

Num	Student Id	Student Name	Class Level	Major
1	stud035	John F. Kennedy	Junior	CS
2	stud091	Rachel Hasely	Sophomore	COM
3	stud094	Manley Kalp	Senior	MBA
4	stud104	Zoey White	Sophomore	CS
5	stud117	Boniface Whishaw	Sophomore	DSM
6	stud178	Loretta Wegley	Senior	EGC

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Figure 36 - Individual Class Roster

g. Advanced Administrator Functions

Advanced Administrator Page

This section was a late add and out of scope but added for testing purposes. The functions contained on this page manipulate the database to allow for testing various features of the system. After these functions are complete, the system returns to this page.

- ❖ **Empty the tables** – This function does exactly what it sounds like it should, it deletes all of the data from all of the tables and then adds the basic security records to allow the administrator to continue to work.
- ❖ **Recreate the tables** – This function repopulates the tables with the original test data. The process deletes the tables first, creates the tables, and then transfers the data into the new tables.
- ❖ **Change Room capacity** – These functions change the capacity of all the classrooms to the size of the function you chose, 9, 14, or 20. This is used to test the scheduler when verifying senior and major requirements.

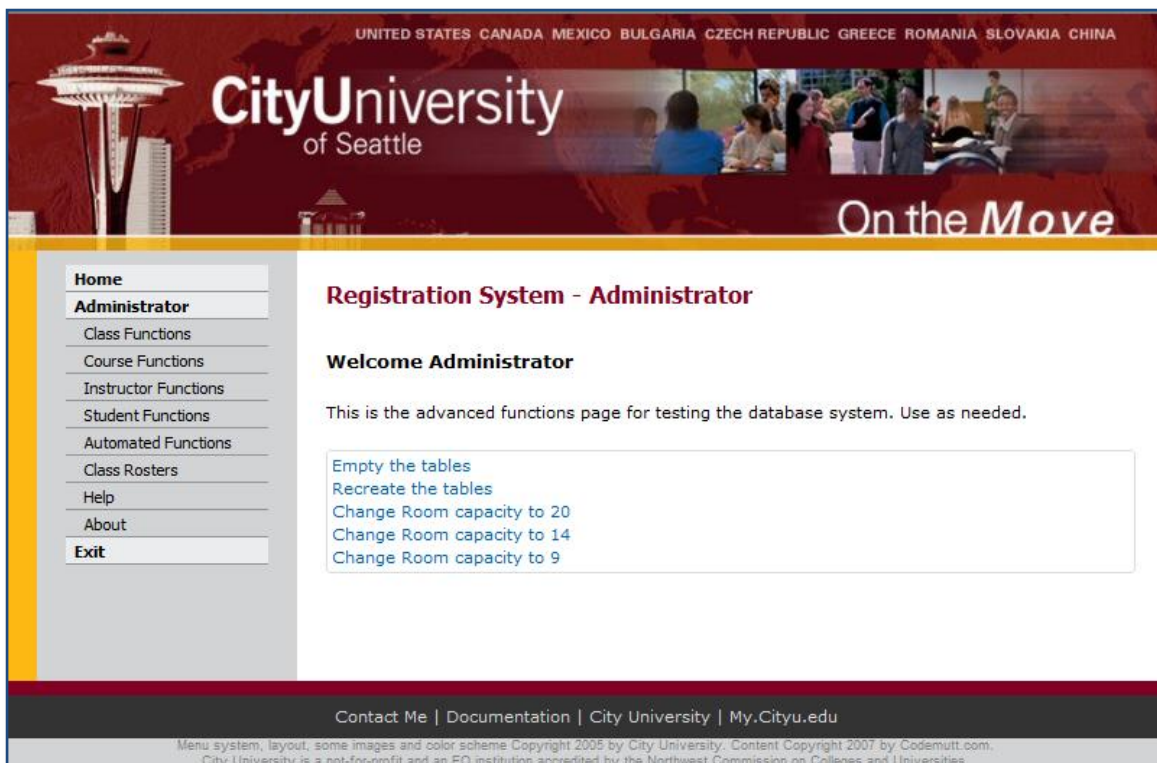


Figure 37 - Advanced Administrator Functions Page

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