Campus Solutions Image 32 Accessibility Overview – Student Self-Service

November 2024

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Introduction

The Image/Upgrade Overview Document is intended to provide ctcLink users with a summary of the changes that will be made in the system as a result of the upcoming image or PeopleTools upgrade implementation. Oracle releases multiple PeopleSoft updates, called images, for each pillar every year. Each Image contains bug fixes and features that are important for PeopleSoft to work well. PeopleTools upgrades update the underlying framework of the system. There are minimal changes that are noticeable to the end users. Below is an overview of the changes that you can expect to see as part of this upgrade.

Student Self-Service (Enable Screen Reader Mode)

ACCESSIBILITY – Student Homepage Tasks To-Do list

Modified the grid to unstack the columns to allow sorting each column in the grid on the To Do's page. Similar changes made on the Holds and View Agreements pages.

Navigation

Student Homepage > Tasks Tile > To Do List

Update Feature

Note that the Sort icon on the grid is present on the grid header at the right corner.
The request on this bug is to have the grid sort on each column.
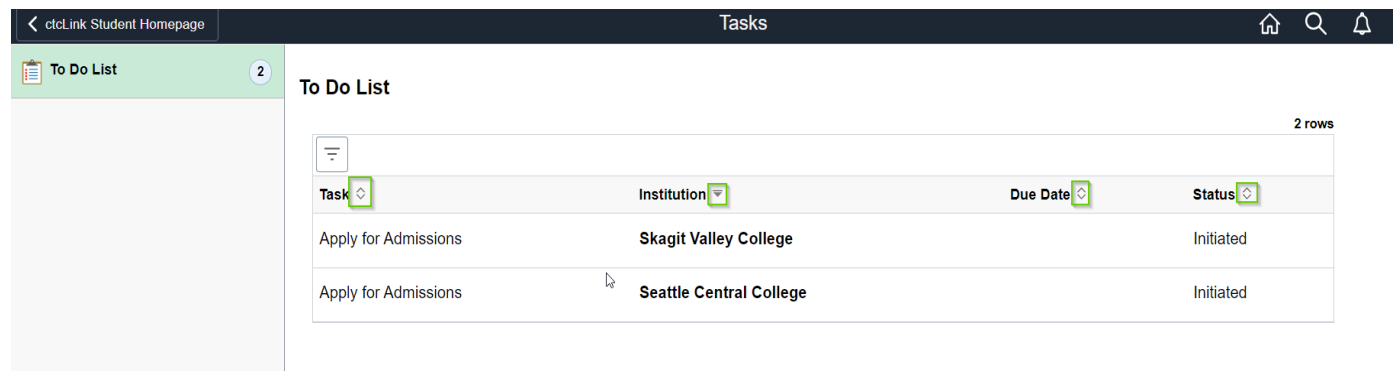
ACCESSIBILITY – Student Financial Account Charges Due

Updated Charges Due page to resolve the following issues:

1. Modified page to ensure correct label for terms are displayed for both accessibility and non-accessibility are the same.

2. Modified page to ensure Make a Payment button tab sequence is correct.

3. Modified page to ensure table has correct headers under Deposits Due.

Navigation

Self Service > Campus Finances> Account Inquiry> Charges Due

Replication Steps

Issue 1:

Under Details of Charges Due, Labels missing In Accessibility mode it is displaying the label correctly.

Issue 2:

Tab order for Make a Payment button is not correct.

Issue 3:

View Table Headers.

Image: Issue 1

Image: Issue 2

Image: Issue 3 (fixed)

Image: Issue 3

ACCESSIBILITY – View Grades Select Term-Institution Label

Modified Academics Record Fluid Application Package PeopleCode to add Aria attributes code when the screen reader mode is on. Modified the Page Field Properties of Academic Institution and Academic Career field to appropriate label.

Navigation

Student Homepage > Academic Records Tile > View Grades

Replication Steps

Check the main region if screen reader will read the rows correctly. (Term, Academic institution, Academic Career). Before, screen reader read it as Formal Description after Term, Description after Organization, and no Label for Academic Career

ACCESSIBILITY – Student Payment Plan link tab sequence

Modified Enroll in Payment Plan page to ensure "Go to top" link tab sequence is correct.

Navigation

(Enable Screen Reader Mode) Student Homepage > Campus Finances > Enroll in Payment Plan

Replication Steps

- Select a Payment plan and click Next.

- Under Review Installments, Go to top link tab sequence is incorrect.

Image: New
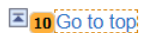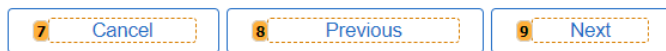
Image: Before
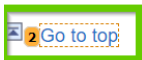
ACCESSIBILITY – FINANCIAL ACCOUNT TILE - IMAGE HELPER ISSUE

Modified PeopleCode to ensure Financial Account image has correct information.

Navigation

Student Homepage

Replication Steps

- Inspect element or hover over image in Financial Account tile

- Financial Account displays "Error: Ensures <img> elements have alternate text or a role of none or presentation.".
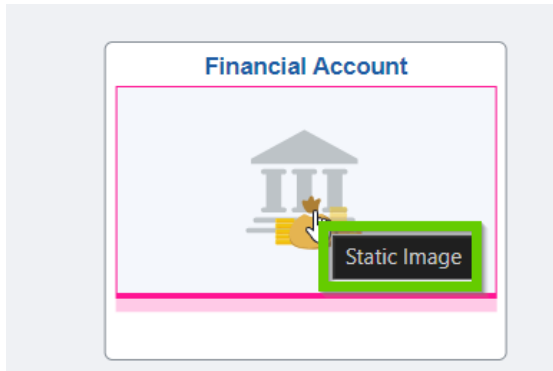
ACCESSIBILITY – View Grades Heading Change

Modified Academics Record PeopleCode to change the name of the heading.

Navigation

Student Homepage > Academic Records Tile > View Grades

Replication Steps

1. Navigate to Student Homepage tile > Academic Records Tile > View Grades
2. Check if the header names are now different

Image: New

Image: Before

View Grades

	Term GPA	4.000
	Cumulative GPA	3.670

ACCESSIBILITY – View My Classes

Modified the page View My Classes to correct accessibility issues namely the following: Table helper issues, Tab movement, Color Contrast Issues

Navigation

Student Homepage > Manage Classes > View My Classes

Replication Steps

Use Andi to check structure.

Image: New

56 PSYC& 180 Human Sexuality

58 Status	59 Units	60 Grading Basis	61 Grade	62 Academic Program	63 Requirement Designation
64 Enrolled	65 5.00	66 Graded		67 Academic	

69 Class	70 Start/End Dates	71 Days and Times	72 Room
73 LEC - Section OL1 - Class Nbr 14686	75 09/24/2024 - 12/13/2024	76 Days: Arranged 77 Times: Arranged	79 Online - no scheduled meetings
80 Enrollment Deadlines 81 No Exams Scheduled			

Image: Before

69 Class	70 Start/End Dates	71 Days and Times	72 Room
73 LEC - Section OL1 - Class Nbr 14686	75 09/24/2024 - 12/13/2024	77 Days: Arranged 79 Times: Arranged	81 Online - no scheduled meetings
82 Enrollment Deadlines 83 No Exams Scheduled			

ACCESSIBILITY – Student Homepage -Manage Classes- Term List

Modified the Class Search and Enroll Fluid component to set the Aria attributes of the term link with the right label which is the term description so that will read the term description on the term link.

Modified the Class Search and Enroll Select A Value Fluid page (from clicking the Change button) so that when selecting from the list of terms, both headers "Current Terms" and " Previous Terms" which are not visible on the page are not displayed in Structure helper of ANDI and not read by Jaws.

The same page was modified also to set the right label for institution so that users will know that the

field pertains to the institution.

Navigation

Student Homepage >Manage Classes > Class Search and Enroll

Replication Steps
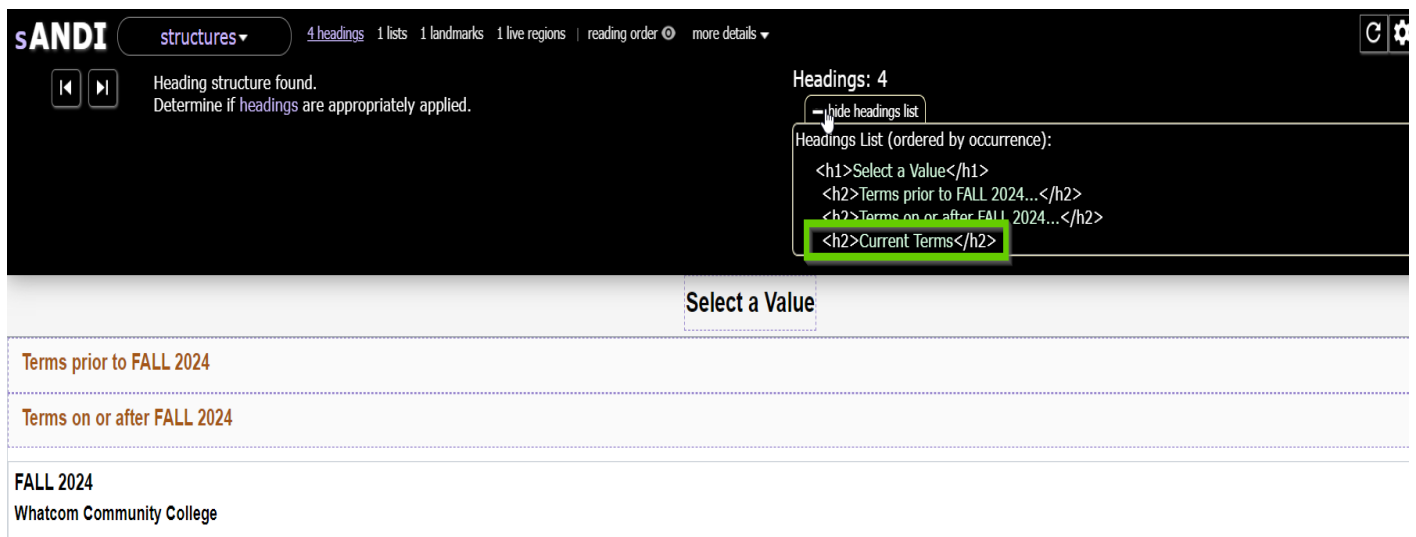
- Student Homepage, click the Manage Classes tile

- Class Search and Enroll. Click any of the list of terms

- Click Change button at the top part of the page.

- Structure, verify that the header 'H2: Current Terms' is not displayed.

Image: New

Image: Before

ACCESSIBILITY – Class Enroll – Class Information Tabbing issue

Modified the Select Academic Career fluid page to specify the record field name of group box used by Accept button located at the right top part of the page so that it will be hidden when the page is accessed via Accessibility mode. Modified PeopleCode of Class Information fluid page to set and move the tab focus on the current tab.

Navigation

Student Homepage >Manage Classes > Class Search and Enroll> Select Term > Select Class > Class Information modal

Replication Steps

- Click Class Search and Enroll. Click any of the terms from the list.

- Search for a class and select a class in the results list.

- Click the link under the Class column

- Class Information page appears. Tab is focused on the X button. Press tab button on the keyboard. The tab is not moving to the current page tab which is Enrollment information.

- Click on other page tab, then Press tab button on the keyboard. Similarly, the tab is not moving to the current page tab.

Image: New
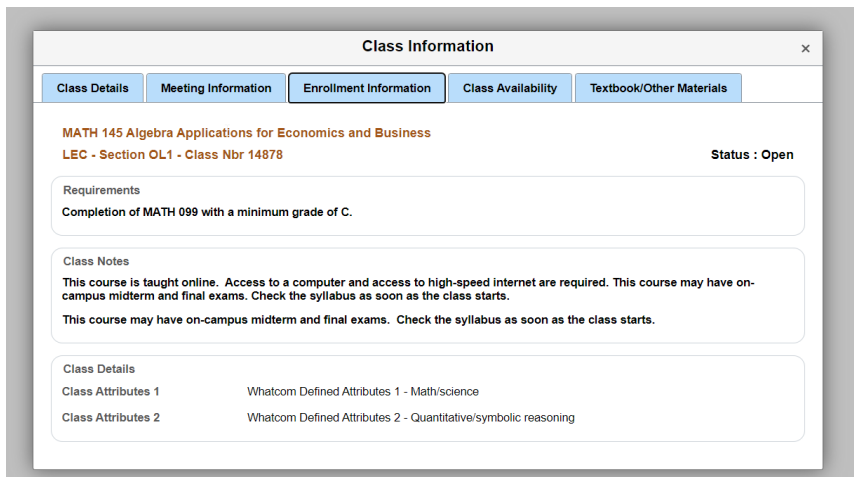
Image: Before
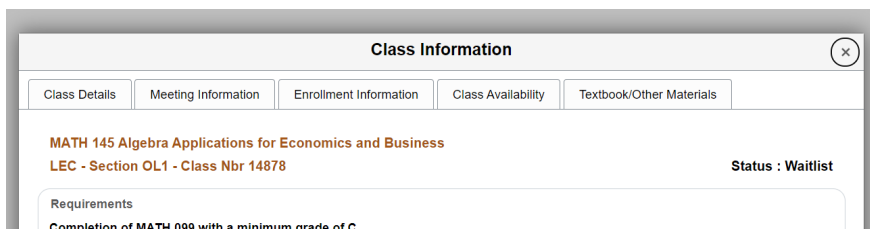
ACCESSIBILITY – Student Homepage Admissions To-Do list

Updated the Fluid Admissions To Do list page to properly set the link label of the list in accessibility mode. The correct role of the tabs for Application Status page was also updated. To-do list tabs were not in tab order and were not keyboard accessible.

Navigation

(Enable Screen Reader Mode) Student Homepage > Admissions > Select a Term

Image: New
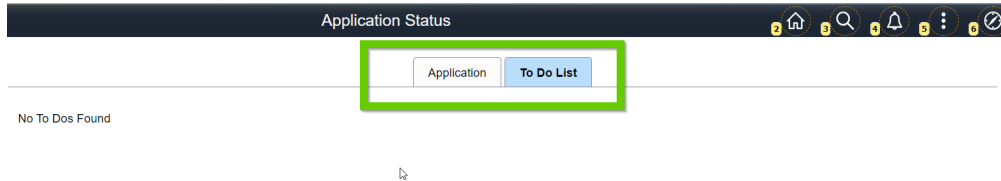
Image: Before
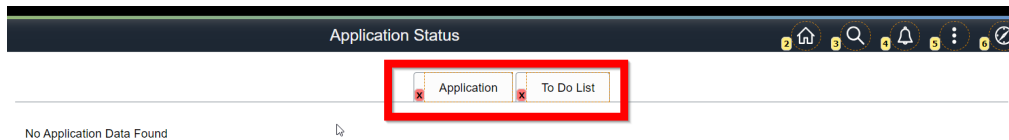
ACCESSIBILITY - READS COLUMN NAME TWICE IN THE TABLE CELLS

Modified Page View Grades Edit Box Properties of the fields Unit, Grading, Grade, and Graded to uncheck the "Include Labels in Grid Cells."

Navigation

Student Homepage > Academic Records > View Grades

Replication Steps

- Select a Value

- Navigate through the cells in the table using screen reader

Grade Details

Term GPA	0.000			
Cumulative GPA	3.500			

3 rows

th scope=col Class	th scope=col Units	th scope=col Grading	th scope=col Grade	th scope=col Grade Points
th scope=row MATH 145	td 5.00	td Graded	td	td
th scope=row PSYC& 180	td 5.00	td Graded	td	td
th scope=row PSYC& 220	td 5.00	td Graded	td	td

ACCESSIBILITY - JAWS READING INVISIBLE TEXT AND LABEL IN NAME ISSUES

Modified Application Package PeopleCode to correct the labels read incorrectly by JAWS.

Navigation

Student Homepage > Manage Classes > Browse Course Catalog

Replication Steps

- Select the Institution

- Navigate to the Main Region

- Jaws reads the text in the Keyword field as "Enter Keyword e dot g dot Course Subject Topic"

- Navigate to the Recently Viewed section

- Jaws reads "<Course Name>>Course Title <<Course Description>>Unit <<Units>> Course Offering <<Typically Offered details>> "

Search for Courses ⓘ

Enter keyword e.g. course, subject, topic

Additional ways to search

▶ **Recently Viewed**

ACCESSIBILITY - MY_PLANNER-TOOL TIP ISSUE

Updated PeopleCode to assign proper tool tip text.

Navigation

Student Homepage > Academic Planning > My Planner > My Planner

Replication Steps

- Hover Tooltip

Typically Offered	Status
)	⭐ Planned
	Planned

ACCESSIBILITY - SSR_CART_LF_SBF: INCORRECT TOOLTIP AND JAWS DISPLAYS UNKNOWN WINDOW TYPE IN FORM FIELDS

Modified PeopleCode to update the hover text of Change Preferences link in Shopping Cart page. Created new Message Catalog for the new hover text message.

Navigation

Student Homepage > Manage Classes tile > Shopping Cart

Replication Steps

- Mouse over Options Link.

Popup window ✕

Before selecting a class option you may wish to view additional enrollment information by selecting the class link.
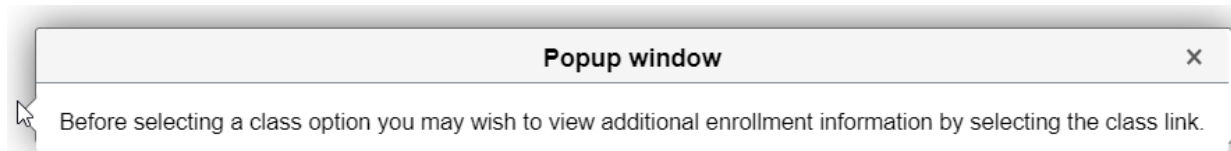
ACCESSIBILITY – Table Helper Issue

Modified grid properties from flex-grid to unordered list.

Navigation

Student Homepage > Academic Records -> Course History-> Select a Different term

Replication Steps

Error is displayed - Ensures layout tables are not confused for data tables.

Course History

Course History

31 rows

th scope=col Class ⬦	th scope=col Description ⬦	th scope=col Term ⬦	th scope=col Grade	th scope=col Units ⬦	th scope=col Status ⬦
td MATH 145	th scope=row Alg for Econ & Business	td FALL 2024	td	td 5.00	td ◆ In Progress
td PSYC& 180	th scope=row Human Sexuality	td FALL 2024	td	td 5.00	td ◆ In Progress
td PSYC& 220	th scope=row Abnormal Psychology	td FALL 2024	td	td 5.00	td ◆ In Progress
td SOC& 101	th scope=row Intro to Sociology	td SUMMER 2024	td	td 5.00	td ◆ In Progress

ACCESSIBILITY – APPLICATION FOR GRADUATION

Updated Application for Graduation pages to satisfy accessibility standards: 1) In Names, Address and Contacts pages add button will appear instead of a blank grid. 2) In Contact page, added autocomplete in Email and Phone modal pages. 3) In Address page, assigned proper label for the grid check boxes.

Navigation

Student Homepage > Student Records > Application for Graduation

Replication Steps

- Select a Program, then click Apply

- Traverse to pages: Names, Addresses and Contacts

Skip Navigation Links

Back to Navigation Links
Apply for Graduation

Submit an Application for Graduation

Select the Apply for Graduation link to proceed with your application. If the link is not visible you may not be eligib

┌─ **Program: Academic** ─────────────────────
│
│   ┌─ **Skagit Valley College | Undergraduate** ─
│   │
│   │ Degree: Associate in Arts
│   │   Major: Academic Transfer AA DTA
│   │ View Graduation Status

ACCESSIBILITY – SSR_CLSRCH_MAIN_FL: LINK TEXT NOT DISPLAYED PROPERLY

Class Search Main Fluid Application Package PeopleCode to add the code AriaLabelledBy Attributes for the Link field.

Navigation

Student Homepage > Manage Classes > Browse Course Catalog

Replication Steps

- Select a value.

- Open Andi/Screen reader

- Link names displayed along with "Long course Title Description" wordings,

AJ 175 - Basic Police Composite **Art**
3 units

ART 14 - Transferred-In Course
4.5 units

ACCESSIBILITY – MANAGE CLASSES TILE - OATB IMAGE HELPER ISSUE

Modified PeopleCode of Student Homepage to set the tile image reference label to blank (without spaces) of the Manage Classes tile so that no error is found for the said tile in the Image Helper of Oracle Accessibility Toolbar (OATB).

Navigation

Student Homepage > Manage Classes

Replication Steps

On the Student Home page, the error "Ensures <img > elements have alternate text or a role of none or presentation" no longer appears for the image of Manage Classes tile.
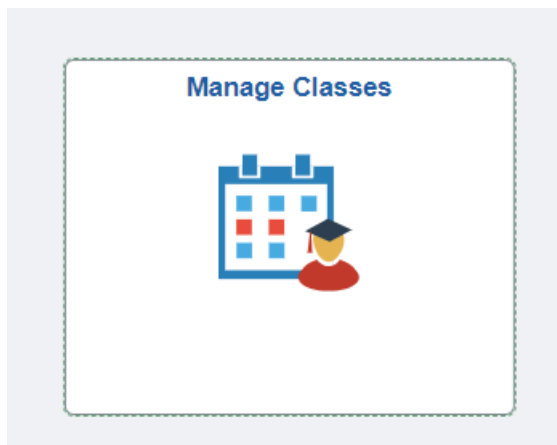
ACCESSIBILITY – READS INVISIBLE TEXT IN THE PAGE AND INCORRECT PAGE TITLE

Modified the labels for Description, Class and Status to match the labels in previous page.

Navigation

Student Homepage > Manage Classes > Drop Classes

Replication Steps

Select a term and click Class Details

- Jaws reading invisible text in all the tabs
  * Reads "Subject Catalog" before "MATH 145…" word
  * Reads "Full Class Specifications" before "Status: Enrolled"
  * Reads "Session" before "LEC – Section…"
- These sentences / words are not visible in the page

		Step 1 of 2: Select Classes to Drop					
1 Select Classes to Drop In Progress							
2 Review Classes to Drop Not Started							

Select	Class	Description	Days and Times	Room	Instructor	Units	Status
☐	LEC - Section OL1 - Class Nbr 14878	MATH 145 Alg for Econ & Business	Arranged	Online - no scheduled meetings	T. Vaughan	5.00	Enrolled
☐	LEC - Section OL1 - Class Nbr 14686	PSYC& 180 Human Sexuality	Arranged	Online - no scheduled meetings	C. Colburn	5.00	Enrolled

ACCESSIBILITY – SSR_SSENRL_GRADE: JAWS READS INVISIBLE TEXT IN THE APPLICATION

Applied the necessary PeopleCode and page changes to the View My Grades Self-Service page to ensure that JAWS will not read any invisible text in the "Academic Standing" field.

Navigation

Student Homepage > Enrollment > View My Grades and Select a term from the list

Replication Steps

While pressing the 'down' arrow key, JAWS is reading some texts that are not displayed on the screen for the "Academic Standing" field.

e.g. "Academic Standing PRB3 Subject to Dismissal" – PRB3 is not displayed in the screen

Grade Details

Term GPA	3.500
Cumulative GPA	3.500
Academic Standing	Good Standing

2 rows

Class	Units	Grading	Grade	Grade Points
MATH 99	5.00	Graded	B	15.000
PSYC& 100	5.00	Graded	A	20.000

ACCESSIBILITY – SCREEN READERS ANNOUNCED ENROLLMENT ACTION WHEN FINISH ENROL

Added code for screen reader mode that does the following:

- Displays a message popup when the process encountered an error or was not successful

- Hide the legend for the images/icons used to signify if the process is a success or if an error has been encountered

- Hide the column for the result image/icon.

Navigation

Student Homepage > Enrollment > Enrollment Swap Classes

Replication Steps

- Swap in a class the student is not eligible to enroll in.
- Complete the swap process.

Swap Classes

Select the class you wish to swap then select the class you wish to replace it with.

Swap This Class

Select from your schedule

MATH 145: Alg for Econ & Business (14878) ⌄

With This Class

Search for Classes

Class Search ⌄

Or

Enter Class Number

Class Number

Message

Not added to class schedule

OK
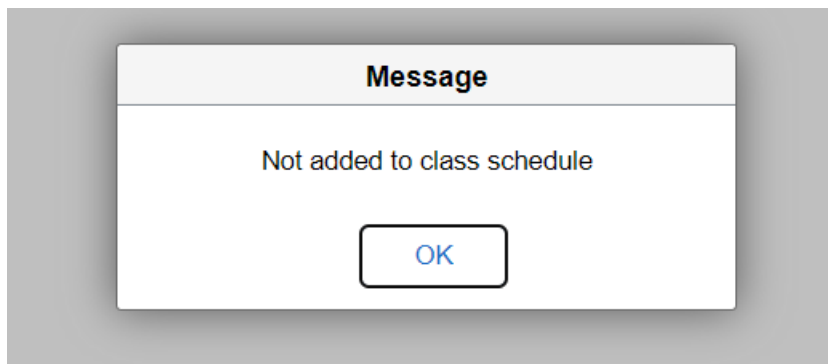
✖ Swap PSYC& 180 - Human Sexuality with BIOL& 160 - General Biology W/Lab
Unable to add this class - requisites have not been met. Prior or concurrent enrollment in CHEM& 121 or CHEM& 161 and placement in ENGL& 101

## ACCESSIBILITY – SSR_SWAP_CNFRM_SBF: HEADER AND JAWS ISSUES.

Modified headers to reflect single or multiple rows of data.

Navigation

Student Homepage > Manage Classes -> Swap Classes

Replication Steps

- Swap out a class with multiple components

- In the Confirm Class Swap (Step 3) page, check the headers in the page

Step 3 of 3: Confirm Class Swap

You are replacing this Class

PSYC& 180 Human Sexuality

Class	Session	Meeting Dates	Days and Times	Seats
LEC - Section OL1 - Class Nbr 14686	Regular Academic Session	09/24/2024 - 12/13/2024	Arranged	Open Seats 17 of 25

With these Classes

BIOL& 160 General Biology W/Lab

Option Status Open

th scope=col Class	th scope=col Session	th scope=col Meeting Dates	th scope=col Days and Times	th scope=col Seats
th scope=row LEC - Section A - Class Nbr 14755	td Regular Academic Session	td 09/24/2024 - 12/13/2024	td Wednesday Thursday 2:00PM to 3:55PM	td Open Seats 7 of 24
th scope=row LAB - Section AL - Class Nbr 14818	td Regular Academic Session	td 09/24/2024 - 12/13/2024	td Tuesday 2:00PM to 3:55PM	td Open Seats 7 of 24

ACCESSIBILITY -ACCESSIBILITY TEXT (DESCRIPTIVE TEXT) IS MISSING FOR CHANGE BUTTON UNDER THE VIEW MY CLASSES AND CLASS SEARCH AND ENROLL

Added a descriptive aria label to the Change button to help screen reader users.

Navigation

Manage Classes > Update Classes >Select a term

Manage Classes > Swap Classes >Select a term

Manage Classes > Class Search and Enroll>Select a term

Manage Classes > Enrollment Appointments >Select a term

Manage Classes > Shopping Cart >Select a term

Manage Classes > Class Search and Enroll >Select a term

Manage Classes > View My Classes >Select a term

Replication Steps

Use screen reader(JAWS) and navigate to the Change button. Change button will have an aria label of "Select a different Term".

Washington State Board for Community and Technical Colleges