A screenshot of a computer

Description automatically generated

This screenshot shows user selecting a course and it registering the course under course registration as well as displaying total credit hours in a separate box. The red text displays that the registration was confirmed. This satisfies the requirement of being able to register for a course and display the credit hours in a separate text box.

A screenshot of a computer

Description automatically generated

This screenshot also shows user selecting a course to add to their course list. This screenshot also shows the total credit hours text box incrementing up by 3 with each course selection.

A screenshot of a computer

Description automatically generated

This screenshot is submitted to further show the increment of 3 on the total credit hour textbox.

A screenshot of a computer screen

Description automatically generated

This screenshot displays the input validation as the program will not allow the user to register for more than 9 credit hours. The if statement in the validation code states that if its under 9 credits than the user can register for more courses but if all of the conditions are met except but 9 credits has been reached do not allow the user to register for more courses. This meets the requirement of not allowing the user to register for more than 9 credit hours.

A screenshot of a computer

Description automatically generated

This screenshot displays the user trying to register for an already registered course. This input validation is handled in the first if statement of the course selection class. If the user has already registered for a class do not allow the user to register for the course again. This satisfies the requirement of not allowing the user to register for the same course twice.



This screenshot was submitted to show a new variable being added to store the number of credit hours. This satisfies the rubric requirement of creating a new variable.

A screenshot of a computer program

Description automatically generated

This screenshot was submitted to display the branch logic dealing with input validation and course registration. This satisfies numerous rubric requirements specifically dealing with Booleans, math operators, and branch logic.



This screenshot was submitted to display the implementation of a new GUI element called RegConf1. This GUI element was needed to display to the user if there was an error in course selection or if the user successfully registered for a class.