Reed Murray

WPF register student

A screenshot of a computer

Description automatically generated

The above shows the program’s response when registering for a course successfully. This is the first choice and so it allows the registration of any choice.

A screenshot of a computer

Description automatically generated

When trying to register for IT 145 again, the student receives the message above saying “Already registered” in red text.

A screenshot of a computer

Description automatically generated

Making a different choice and registering successfully adds the next course to the list, and updates the total credit hours accordingly.

A screen shot of a computer

Description automatically generated

The student is registered for 9 credit hours, and therefore cannot add IT 315 to their schedule. The program lets the student know with the message in red text.

**Source code**

private void button\_Click(object sender, RoutedEventArgs e)

{

choice = (Course)(this.comboBox.SelectedItem);

if (choice.IsRegisteredAlready()) // Cannot register for the same course > once

{

this.label3.Content = "Already Registered";

}

else if (credit > 8) { // Cannot register for more than 3 courses

this.label3.Content = "Maximum credit hours reached.";

}

else // Registers for course and increments credit hours

{

choice.SetToRegistered();

this.listBox.Items.Add(choice);

this.label3.Content = "Registration successful";

credit += 3;

this.textBox.Text = Convert.ToString(credit);

}

}

}