Hi Everyone!

I’m Phil Duncan. This is the best email address for you use to reach me. In ISIT-320, we will be spending this quarter together diving into web app development. To support our learning experience with the least amount of disruption possible, we will be meeting during regularly scheduled class hours as published, Monday and Wednesday 3:00 PM until 5:10 PM.

Office Hours : I’ll be in the “classroom” before and after the regular times. I am also available by appointment during normal business hours.

COMMUNICATIONS

We are using Canvas and Zoom, as well as email for our classroom spaces. You should all be enrolled in Canvas. Please ensure that you are registered in Zoom with your BC email address.

Email Protocol: Please always use the Inbox email tool in Canvas to contact me. My BellevueCollege.edu inbox is pretty busy. Your email is a priority. By using Canvas Inbox, your message won’t get lost in the multitudes.

I’ll be sending invitations for Zoom before our first class meeting. Please register with Zoom as the instructions in the invitation direct. Our meeting should be set up to register only once, so please let me know if you have to re-register

I will be recording attendance at each Zoom class meeting. I’ll be sending you an email with the meeting link and credentials. Zoom class meeting information is also posted as an Announcement in Canvas

As a way of getting to know you all better, and to try for a smooth transition into our quarter together, it will be very helpful for me to know more about your experiences.

Please take a few minutes to fill out the following questionnaire. It is a five bonus point assignment with no wrong answers. If there are things there you don’t recognize, just skip them over. This is merely a measuring tool for me to use in planning our journey together.

Open the attachment to this email, fill it out, and attach it to a rely to this email.

LookingForward!

-Phil

List and briefly summarize as many control structures as you can.

I know if-else, which runs separate code blocks depending on the value of a certain variable. I know while, do while, and for loops as well

List and briefly define as many data types as you can.

Int – a whole number

Double – a number including decimals

String – A variable with plain text

Which languages have you used so far?

HTML, JavaScript, CSS, Java, Python, C#, React, C++, and SQL

What did the code you wrote do?

I made loads of console apps, and I’ve also made a personal website for a DEV109 class.

What Linux commands do you use most often?

Probably ls, cd, and mkdir

What experiences have you had coding into and out of databases?

I took DEV123 where we used ASP.NET commands to work with SQL databases

Do you have an account at the following services?

Linked In Learning

yes

Codeacademy.com

yes

Udacity.com

no

Genmymodel.com

no

Github.com

yes

Cloud.google.com

yes

Azure

yes

AWS

no

How have you been using the platforms that you indicated above?

I’ve gotten well acquainted with Github and Google Cloud

What IDEs have you been using so far?

I mostly use VSCode and Visual Studio

What are the various software development methodologies and philosophies?

What experience have you had with software quality assurance?

Briefly list as many Linux commands as you can?

cd, mkdir, ls, touch, chown, ln, cat, grep, echo

If you were to list the top five or ten most favorite things about what you’ve been doing, what would they be?

I enjoy exploring new languages and figuring out how things work. I also find some catharsis in programming when I really get into the zone. It’s also been interesting finding out some of the applications for the things I’ve been working on.

Briefly explain what you know about the following terms and concepts:

XML

JSON

SQL

Database programming language

Javascript

Object oriented language for websites

Node

Java

Object oriented language for windows apps.

C#

Another windows object oriented language

Bootstrap

AJAX

MVC

User Story

As a/n [x], I want to [y], so I can [z]  
Use Case

An example usage of your application  
UML

A visualization of the usage of your application  
Use Case Scenario

A scenario about how a user might interact with your application  
Sequence Diagram  
Class Responsibility Collaborator

Task Object Responsibility

Version Control

Keeping track of updates between versions

Software Engineering

React

A language that blends HTML and Javascript

Express

Pug

Angular

Bower

Grunt/gulp

Yeoman

OOP Way of thinking

Data Abstraction  
Encapsulation  
Polymorphism  
Inheritance

System  
Object

A single variable or constant  
Class

A group of objects and functions  
Instance

A single version of a class  
States  
Behaviors  
Methods

Functions within a class that execute various code blocks  
Internal Methods  
External Methods  
Attributes

Information Hiding  
Variable

Stub  
Driver

Terminal

FTP

IDE

An editor where you write code

Software Architecture

Testing Preconditions  
Testing Environment  
Test Data

What are the other technologies, platforms, and experiences have you learned so far?