# Meeting Time & Location

E104 – Tuesday 2 pm – 5 pm

# Course Description

Students will learn to develop web based products that make possible the integration of multiple computers through the internet and enterprise networks. Students will use the ASP.NET framework to develop web applications with client/server interactions. Students will develop dynamic and secure web applications using the popular language C# integrated with database systems such as Microsoft SQL Server.

# Resources

Optional Text: Delamater, Mary and Boehm, Anne (2016). Murach’s ASP.NET 4.6 Web Programming with C# 2015 (2012 Edition OK too)  
ISBN: 978-1890774950   
Blackboard

# Instructor

Name: Rich Freeman

Office: A155B

Email: rich.freeman@GeorgianCollege.ca  
Phone: (705) 728-1968 ext. 1941

# Office Hours

Tuesday 1 pm – 2 pm

Wednesday 10 am – 11 am

Thursday 10 am – 11 am

\*Please let me know if these times are not viable for you and we can arrange alternative times

# Expectations for Success

Instructor responsibilities: Rich Freeman

I will:

* Be prepared for class
* Provide real-life context and examples when possible
* Encourage and answer your questions
* Find out the answers to questions that I cannot answer
* Set out clear standards and expectations for your work
* Try to present the course material in an interesting and engaging manner
* This is OUR course – I am very open to feedback.

Student responsibilities:

* Attend class regularly
* Ask for help as often as you require it
* Use the optional text book as a resource if reading helps you learn
* Check the Blackboard site and your student email regularly
* Understand how you learn (so you can learn more efficiently)
* Enjoy the process of learning something new and challenging yourself
* Live without the use of your cell phone, Facebook, music players, game center, etc… for 3 hours a week
* ***Include a descriptive subject, your full name and use proper English if you are requesting something via email.***

# Evaluation

|  |  |
| --- | --- |
| Assignment 1 | 20% |
| Mid Term Test | 15% |
| Assignment 2 | 30% |
| Lab Exercises | 10% |
| Final Test | 25% |
|  | 100% |

**Schedule of Activities**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WEEK | LESSON |  |  | DUE |
| 1 | ORIENTATION – NO CLASSES |  |  |  |
| 2 | The .NET Environment |  |  |  |
| 3 | Controllers |  |  |  |
| 4 | Views |  |  |  |
| 5 | Models |  |  | Assignment 1 (10%) |
| 6 | Data Annotations |  |  |  |
| 7 | Mid Term Test |  |  | Test (15%) |
| 8 | MID-TERM BREAK – NO CLASSES |  |  |  |
| 9 | Authentication & Authorization |  |  |  |
| 10 | Shopping Cart with Ajax Updates |  |  |  |
| 11 | Final Updates |  |  | Assignment 2a (5%) |
| 12 | Unit Testing |  |  |  |
| 13 | Web API with .NET Core Part 1 |  |  | Assignment 2b (15%) |
| 13 | Web API with .NET Core Part 2 |  |  |  |
| 14 | Final Test |  |  | Test (25%) |

The sequence and content of this syllabus may change due to unanticipated opportunities or challenges, or to accommodate the learning styles of the students.

**EMERGENCY EVACUATION AND LOCKDOWN INFORMATION:**

Note: Students requiring assistance in emergency situations must inform their faculty during the first week of class.

[Emergency Evacuation](http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/fire--tab/)

* Evacuate buildings when a fire alarm is activated or an official announcement is given.
* Familiarize yourself with all fire exit doors of classrooms and buildings you may occupy.
* Do not re-enter a building until instructions are given by the Fire Department or College Personnel.

<http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/fire--tab/>

[Lockdown](http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/lockdown-tab)

* Lockdown is initiated when there is a potential or actual violent incident on campus that could result in a serious injury or threat to life.
* Students are notified of a lockdown through mass communication systems. Instructions for students to sign up for text message alerts can be found on the main menu page of Banner, “Lockdown Alerts”.
* Familiarize yourself with the College Lockdown procedures:

<http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/lockdown--tab/>

• Lockdown tests will occur each semester.

[Sexual violence](http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/sexual-violence-tab/)

<http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/sexual-violence-tab/>

[Campus closures](http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/campus-closures-tab/)

* Weather can impact driving conditions and operations at Georgian College campuses. It’s important to consider your personal safety in deciding when to come to class or to work.

<http://www.georgiancollege.ca/about-georgian/campus-safety-and-security/campus-closures-tab/>

**STUDENT SERVICES AND SUPPORTS – Barrie Campus**

**Advisors: (located in Library Commons)**

* First point of contact for transition support; you can ask any question and together we will find the answers!
* We can show you how to learn more effectively and efficiently with study skills including time and task management, note-taking, effective studying, giving a presentation and taking tests
* We will offer correct referrals and connections to the supports that you may need

Call 705.728.1968 ext. 1307 to book an appointment and meet your advisor.

[Peer Tutors](http://library.georgiancollege.ca/tutoring): (located in Library Commons) <http://library.georgiancollege.ca/tutoring>

* Available to all students to facilitate understanding of course content
* To find out more about one-on-one tutors, make an appointment with the Peer Services Advisor by calling 705.728.1968 ext. 1307

[Learning Centres](http://library.georgiancollege.ca/main): (Located in Library Commons)

<http://library.georgiancollege.ca/main>

* Drop-in tutoring for specific program-related courses
* Our Centres include (drop-in, telephone, skype and 1:1 appointments)

Writing Support

* Get free help with your writing assignments!
* Create outlines for your assignments and work on sentence structure and paragraph development
* Access resources to check your references (e.g. APA or MLA)
* Math Support
* Get free help with math!
* Make sense of math questions
* Understand word problems; Work with formulae

* Research Help (find books, articles and websites on your topic)

[Accessibility Services](http://www.georgiancollege.ca/student-services/accessibility-services/contact-tab/): (B110): <http://www.georgiancollege.ca/student-services/accessibility-services/contact-tab/>

* Support for students whose success at college may be affected by a disability
* Ongoing support from our Accessibility Advisors including arranging a confidential psychoeducational assessment
* Training in the use of specialized computer technology by our Adaptive <http://www.georgiancollege.ca/student-life/student-services/testing/?pagetab=contact&pagepath=student-services%2Ftesting>Technologists
* Classroom and test accommodations

[Counselling](http://www.georgiancollege.ca/student-life/student-services/counselling/): (B110): <http://www.georgiancollege.ca/student-services/counselling/>

* Free, confidential counseling is provided to all students by phone and/or office appointments
* Counselors are on call every day of the week for urgent needs or students can book an appointment

[Testing Services](http://www.georgiancollege.ca/student-services/testing/contact-tab/): (B121): <http://www.georgiancollege.ca/student-services/testing/contact-tab/>

* Accommodated testing
* Missed/Makeup testing
* Proctoring services are also available for external and Ontario Learn exams

[Co-operative Education & Career Success](http://www.georgiancollege.ca/student-life/student-services/co-op-and-career-services/overview-tab): (B115): <http://www.georgiancollege.ca/student-life/student-services/co-op-and-career-services/overview-tab>

Co-op and internship preparation and support

* Career assessments and exploring options
* Job search strategies
* Labour market information
* Resume/cover letter review and development
* Interview practice
* Graduate employment information
* Links to job postings and online resources