

COMP1006 – Intro to Web Programming**W2016****Time & Location:**

E208, Mondays 3 pm – 6 pm

Course Description

This course is designed to provide the student with systems and programming knowledge and skills for software development on the Internet. The student will learn about the Net as a development platform through the use of popular representative languages (such as PHP). The student will learn about web page design techniques, server-side programming, and web-enabled databases. The skills learned in this course can be directly applied to development of e-commerce systems.

Resources*RECOMMENDED*

Murach, Joel & Harris, James (2014). *Murach's PHP and MySQL (2nd Edition)*. Murach. ISBN: 978-1890774790

Marks, announcements, notes, links, tools, and any additional materials can be found on Blackboard. Please check the site regularly.

Instructor:

Shaun McKinnon - shaun.mckinnon@georgiancollege.ca

I will:

- Be prepared for each week's lesson
- Communicate regularly with you via email and Blackboard
- Provide real-life context and examples for the concepts you will be learning
- 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 engaging manner
- Be open to your feedback

Expectations for Success:

- Follow the weekly lessons on Blackboard and complete all learning activities

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- Attend class regularly and on time
- Ask for help as often as you require
- Use the recommended text book for additional practice
- Check your student email often
- Understand how you learn (so you can learn more efficiently)
- *Independently* obtain material from any classes you are unable to attend

W2016

Office Hours A155B:

Email shaun.mckinnon@georgiancollege.ca, or By Appointment

Evaluation

Assignment I	15%
Mid-Term Exam	15%
Lab Assignments	10%
Assignment II	30%
Quizzes	10%
Final Exam	20%
Total	100%

An overall grade of 50% is required to achieve a passing grade for the course.

All assignments are planned and schedule to provide adequate completion time. Help is often available. Assignments must be submitted by **11:59 pm on their due dates**. Late submissions will receive a grade reduction of 20% per calendar day past the due date. Requests for adjustments can be made, but should be done at least one week in advance and must be approved by the instructor. Failure to do so will result in a mark of zero unless an illness / emergency can be proven with appropriate documentation at no cost to the College.

Unless, otherwise specified, all work should be your own individual work. Make sure you understand the academic policies and procedures as detailed at <http://www.georgiancollege.ca/academics/policies/>. Pay special attention to warnings about cheating, plagiarism, and acceptable use of college computer resources.

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Schedule of Activities

W2016

WEEK	LESSON	ASSIGN	DUE
1 – Jan 13	Introduction to Web Programming	Ch 1	
2 – Jan 20	Capturing Data / Variables	Ch 2	
3 – Jan 27	Selecting Data	Ch 4	Lab 1
4 – Feb 3	Control Structures / Input Validation	Ch 8	
5 – Feb 10	Delete / Edit	Ch 4	Assignment 1 / Lab 2
6 – Feb 17	CRUD Review		
7 – Feb 24	Mid-Term Exam		
	MID-TERM – NO CLASSES		
8 – Mar 9	Code Re-Use / Error Handling	Ch 6, 15	Lab 3
9 – Mar 16	Authentication	Ch 21, 12	
10 – Mar 23	Working with Files	Ch 23	Assignment 2a
11 – Mar 30	Keyword Search / Column Sorting		
12 – Apr 6	APIs	Ch 22	Assignment 2c / Lab 4
13 – Apr 13	Review		Lab 5
14 – Apr 20	Final Exam		

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computer studies
syllabus

The sequence and content of this syllabus may change due to unanticipated opportunities or challenges, or to accommodate the learning styles of the students. Personal images, images of your projects and images of events may be taken throughout the semester. If you do not want your work/image used for College and Program promotional purposes, please fill out and submit a Disclaimer Form, available from Tannis Peacock in Room D127, to your Program Coordinator.

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Emergency Evacuation

- Evacuate buildings when a fire alarm is activated or an official announcement is given. Review [evacuation guidelines](#).
- Students requiring assistance in emergency situations must inform their faculty during the first week of class.
- 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.

Lockdown

- 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 can download the new safe@georgian app (available mid-January) to stay updated on Campus Safety and Security information including lockdown.
- Familiarize yourself with the [College Lockdown procedure](#) (pdf).
- Lockdown tests occur each semester.

Resources

- [Get Out, Hide, Fight Lockdown Video](#)
- NEW Lockdown Model – [Get Out, Hide, Fight: Lockdown Tools and Tactics and FAQs](#).

Sexual Violence Procedure and Protocol

- All members of the Georgian College community have a right to work and study in an environment that is free from sexual violence.
- The College is committed to preventing sexual violence and creating a safe space for anyone in the College community who has experienced sexual violence.
- All reported incidents of sexual violence will be investigated to the best of the administration's ability and in a manner that ensures due process.
- Familiarize yourself with the [Sexual Violence Procedure and Protocol](#) (pdf).

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Unscheduled Campus Closure

- Reference: [Unscheduled Campus Closure Procedure #2-102](#)

Timing of Closures/Notification:

Closure	Decision	Communication / Notification*	Notes
College has made the decision to close a campus or location <u>in the morning</u> :	6:00 a.m.	By 6:30 a.m.	If re-opening for noon or evening classes is being considered, this will be mentioned in the message
College closes a campus(s) in the morning and <u>expects to re-open by 12:00 noon</u>	9:30 a.m.	By 10:00 a.m.	Only affects classes beginning at 12 noon or later
Closure expected to continue <u>past 12:00 noon</u>	9:30 a.m.	By 10:00 a.m.	
College intends to <u>re-open for evening classes which commence at 5 p.m. or later</u>	2:30 p.m.	By 3:00 p.m.	
College intends to <u>NOT re-open for evening classes</u> :	2:30 p.m.	By 3:00 p.m.	

*Notification will be made via:

- College web site

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- Radio and television announcements through local and regional media
- College telephone system automated message
- Blackboard
- All student email to college accounts
- Georgian College Facebook site
- Georgian College Twitter feed