GLENDON CAMPUS, YORK UNIVERSITY
Itec/MODR 2635

Creation and Management of a site on the WWW
Fall 2023

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GL/ITEC 2635	18:00 180 YH A102
Creation and Management of a Website	Glendon Campus

(Crosslisted to: GL/MODR 2635 3.00)
Course Description:
This course presents the client server model of the Web with different methods to secure a Web site. The students will learn how to build and manage a Web site using DHTML, Java Script, and animation and sound manipulation software. Prerequisite: GL/ITEC 2915 3.00. Course credit exclusions: GL/MODR 1960 3.00 and GL/MODR 1970 3.00, GL/SOSC 1960

Times, locations & Links:

Our Class meets on **Tuesdays 18:00-21:00**, in person at **YHA102**, Glendon campus

Moodle: https://eclass.yorku.ca

Rstudio-server: http://oldtown.glendon.yorku.ca/   login info;

      Username: yourlastname (always in small letters)
      Password: your_student_number

Your web pages are at: **http://oldtown.glendon.yorku.ca/~yourlastname**
➢ For example, the website for user "p1" is http://oldtown.glendon.yorku.ca/~p1

Course objectives and learning outcomes:

Upon completing this course, a student will be able create responsive web pages and to:
- Client-server and **rstudio-server** pro**: http://oldtown.glendon.yorku.ca** • Create responsive web pages using html, css and Javascript
- Understand what **JavaScript** is and why you should use it.
- Create client side web pages using HTML5, CSS and JavaScript
- Work with multimedia web pages (images, video, sound, animation)
- Implement Web security with htpasswd and htaccess
- Create your own client-side applications
- Make responsive web pages

Course readings: Class Notes as PDF at Moodle.

Attendance:

Attendance is mandatory. However, I realize there are times when you must be absent. Please give me advance notice of absence, if possible.

Grading:

Homework 40% **and Quizzes**
1 Test 20% (take home)
Final 40% (take home)

Letter	Point Value	Percentage	Definition
A+	9	90-100	Exceptional
A	8	80-89	Excellent
B+	7	75-79	Very Good
B	6	70-74	Good
C+	5	65-69	Competent
C	4	60-64	Fairly Competent
D+	3	55-59	Passing
D	2	50-54	Barely Passing
E	1	40-49	Marginally Failing
F	0	0-39	Failing

All Assignments will be submitted through our Moodle web site. If you have multiple files, please zip all your files and label your file, for example:
"yourname_Assignment1.zip"

RStudio Server enables you to provide a browser-based interface (the RStudio IDE) to a version of R running on a remote Linux server. Deploying R and RStudio on a server has several benefits, including:

- The ability to access your R workspace from any computer in any location
- Easy sharing of code, data, and other files with colleagues
- Allowing multiple users to share access to the more powerful computer resources (memory, processors, etc.) available on a well-equipped server
- Centralized installation and configuration
- Client-server implementations allow seamless working environments for all.

Collaboration:
- I encourage you all to work together through problems – make sure you comment who you have worked with at the top of the page of your submission

Class Etiquette:
- Be respectful to your fellow classmates.
- Email me anytime if you have a question.

Tentative Schedule:

Week	Topic	Notes
1	Glendon working environment; Client-server	
2	Web security with htpasswd and htaccess	Homework 1
3	Multimedia: images, video, sound, and animation I	
4	Overview of HTML and CSS, and JavaScript; the DOM	Homework 1 due
5	Multimedia: images, video, sound, and animation II	Homework 2
6	Review and summary	Test
7	More html, CSS, and JavaScript	
8	Flexbox	Homework 2 due
9	Review and practice	
10	Wrapping it all up	