Itec/MODR 2925 EN
Winter 2021

Our class meets on Fridays 10:00-13:00, virtually by ZOOM

Instructor: Tuan (Titou) Cao-Huu
Office: YH358
Office Hours: MW 14:00-15:00, virtually by ZOOM
E-mail: tuan@gl.yorku.ca

Moodle: https://eclass.yorku.ca

Rstudio-server: https://oldtown.glendon.yorku.ca/
        Username: yourlastname (always in small letters)
        Password: your_student_number
Your web pages are at: **http://oldtown.glendon.yorku.ca/~yourlastname**

Course description:

This course presents advanced options in Microsoft Word and Excel used to format: correct a document automatically; create and manipulate a collaborative document; create, use, and store macros in a document; secure a document. The students will learn how to enhance a Web site using image animation and sound. Prerequisite: GL/ITEC 2915 3.00.

Upon completing this course, a student will be able to create responsive web pages and to:

- Work in the Glendon working environment (**Client-server** model) and **rstudio-server pro**
- Communicate with classmates using multimedia tools; learn novel features of Office 365 such as transcribe and recording.
- Collaborate with classmates using social networking and collaboration tools including Office 365 and Rmarkdown documents.
- Write web pages using html, css, Javascript, and Rmarkdown
- Understand what **JavaScript** is and why you should use it. Information search.
- To understand examples of a relational database: Covid19, medical imaging (MRI)
- Implement Web security with htpasswd, and htaccess

Attendance:

Attendance is mandatory however I realize there are times when you must be absent. Please give me an advance notice of any absences.

Grading:

Homework (2) 60%
Final 40%
All Assignments will be submitted through our Moodle web site. If you have multiple files, please zip all your files and label it, for example: "yourname_Assignment1.zip"

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 and rstudio-server	
2	Review of HTML, and CSS; Voicemetter	Homework 1
3	Rmarkdown	
4	Rmarkdown & html	Homework 1 due
5	Communicate with classmates using multimedia tools; Information search;	
6	Image, video, and sound; animation I	Homework 2
7	Image, video, and sound; animation II; Web security	
8	Advanced options in Microsoft Word and Excel	
9	Advanced options in Microsoft Word and Excel (2)	Homework 2 due
10	Review and practice	
11	Wrapping it all up	