

**GL/ITEC 2915 3.00 L'utilisation de
l'ordinateur et des logiciels d'application**



[All About Passport York](#)

(Crosslisted to: GL/CSLA 2915 3.00, GL/MODR 2915 3.00)

Course Description:

Le cours présentera les principales composantes (matériel et logiciel) d'un ordinateur, des méthodes avancées pour l'utilisation et l'édition des documents dans un contexte de travail en équipe ou individuel, comment créer et utiliser des pages Web dynamiques, l'utilisation des techniques avancées pour la recherche des informations sur INTERNET et comment concevoir et réaliser une base de données relationnelle en utilisant un système de gestion de bases de données (SGBD) avec applications dans un environnement spécifique. Cours incompatibles: GL/MODR 1960 3.00, GL/MODR 1970 3.00, GL/SOSC 1960 3.00 et GL/SOSC 1970 3.00.

Language of Instruction:

French



GLENDON CAMPUS, YORK UNIVERSITY

Itec/MODR 2915

Computer Usage and Software Applications I

Fall 2022

Instructor: Tuan (Titou) Cao-Huu

Office: YH358

Office Hours: F 10:00-13:00

E-mail: tuan@glendon.yorku.ca

Times, locations & links:

Our Class meets on Fridays 10:00-13:00

<https://eclass.yorku.ca> Moodle

Rstudio-server: <https://oldtown.glendon.yorku.ca/>

Log in information:

Username: yourlastname (always in **small** letters, for example "bishop")

Password: your_student_number (for example "21346784")

If you have a double last name, use only the first one.

Your web pages are at: **<http://oldtown.glendon.yorku.ca/~yourlastname>**

Course description:

The course will present the main computer components (hardware and software); advanced topics for the use, edition and layout of documents alone or as part of a team; the creation and use of dynamic Web pages; advanced INTERNET information search techniques; and the design and implementation of a relational database using a database management system (DBMS) with applications to specific environments. Course credit exclusions: GL/MODR 1960 3.00, GL/MODR 1970 3.00, GL/SOSC 1960 3.00, GL/SOSC 1970 3.00.

Course objectives and learning outcomes:

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

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

Course readings: Class materials and notes are given at our class Moodle server.

Working environment

(remote laboratory, Client-Server, Rstudio-server)

RStudio Server enables you to provide a browser-based interface (the RStudio IDE) to a version of R running on a remote web server. You can access your R workspace from any computer in any location.

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

Grading:**Homework** 40%**1 Test** 20%**Final** 40%

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"

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.
- I am here to assist you. Email me anytime if you have a question.

Tentative Schedule:

Week	Topic	Notes
1	Glendon working environment and rstudio-server	
2.	Web security with htpasswd and htaccess TOC&	
3	Overview of SWAY, HTML, CSS, and JavaScript	Homework 1
4	Audio and video CSS, Flexbox	Homework 1 due
5	Flexbox	
6	Advanced Office 365 & Web (I)	Homework 2
7	Advanced Office 365 & Web (II)	Test
8	Implementation of a relational database I	Homework 2 due
9	Implementation of a relational database II	
10	Review and practice	
11	Wrapping it all up	

**GL/HUMA 2655 3.00 Introduction to
Computer Music and Digital Audio Editing**



LOGOUT

[All About Passport York](#)

(Crosslisted to: GL/MODR 2655 3.00, GL/ITEC 2655 3.00)

Course Description:

This course offers a hands-on introduction to the basics of computer music, digital audio recording and editing, and the MIDI system (Musical Instrument Digital Interface) and its software.

Language of Instruction:

English

Term W Section M

[Please click here to see availability.](#)

Section Director: Tuan Cao-Huu

Type	Day	Start Time	Duration	Location	Campus	Cat #	Instructor	Notes/Additional Fees
LECT 01	W	18:00	120	YH A201	Glendon		Tuan Cao-Huu	
LAB 01	W	20:00	60	YH 220	Glendon	M19J02 (GL MODR) D90D02 (GL HUMA) U37Y02 (GL ITEC)		
LAB 02	W	17:00	60	YH 220	Glendon	M19J03 (GL MODR) D90D03 (GL HUMA) U37Y03 (GL ITEC)		