Itec/MODR 2915 EN

**Fall 2020**

Homework 1: Glendon working environment

A picture containing rug

Description automatically generated

Moodle: [https://eclass.yorku.ca](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**](http://oldtown.glendon.yorku.ca/~yourlastname)

**Exercise 1:**

Login our server at: <https://oldtown.glendon.yorku.ca/>

Username: yourlastname (always in small letters)

Password: your\_student\_numbe

You will have this graphic below:

­­A screenshot of a computer

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

* Work in the [Glendon working environment](https://oldtown.glendon.yorku.ca) (**Client-server** model) and [**rstudio-server pro**](https://oldtown.glendon.yorku.ca)
* Write web pages using html, css and [**JavaScript**](https://news.codecademy.com/javascript-history-popularity/)
* 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.
* To understand examples of a relational database
* 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** 40%

**1 Test** 20%

**Final** 40%

All Assignments will be submitted through our [Moodle](https://eclass.yorku.ca/) 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](https://oldtown.glendon.yorku.ca) and rstudio-server |  |
| 2 | Overview of HTML, and CSS | Homework 1 |
| 3 | Overview of HTML, CSS, and JavaScript |  |
| 4 | Collaborate with classmates using social networking and collaboration tools | Homework 1 due |
| 5 | Communicate with classmates using multimedia tools; Information search; novel features of Office 365 such as transcribe and recording; image, video, and sound; animation |  |
| 6 | Review | Homework 2 |
| 7 | Design and implementation of a relational database I | Test |
| 8 | Design and implementation of a relational database II | Homework 2 due |
| 9 | Examples of DBMS; Excel and CSV |  |
| 10 | Review and practice |  |
| 11 | Wrapping it all up |  |