Course Welcome, Information & Policies

If you have questions about any of the information shared in this document please message me for clarification. If the document is updated through the semester I will inform the class in person or via Blackboard announcements.

Welcome to Database Design & Development!

This course covers strategies to design databases effectively and how to write SQL queries to store, access, and manipulate data in Relational Database Management Systems.

Tech Requirements

For this course you will need to run an apache server locally on your computer to host a database for labs and the course project. You can get this set up by finding the 'Running a Local Database' post here on Blackboard under the Lessons->Week 1 folder. We will begin using this database in Week 2, so have it set up before then and feel free to ask me any questions if you get lost.

Instructor Contact Information

Matthew Bebis (pronounced: "Math-Yoo")

Pronouns: he / him / his

Contact: **mathew.bebis@humber.ca**

Blackboard messages are the best way to get a hold of me. I will respond within 48 hours, but normally, within 24 hours.

Office Hours: I am only on campus for class on Wednesday/Thursday and will typically arrive about 20 minutes before the scheduled class time. Please message me on Blackboard if you'd like to schedule a meeting.

Absences

Please inform me of any absences, if you miss 2 classes in a row I will follow up with you. If 3 classes are missed I will need to inform the program coordinator. You can inform me via Blackboard messages.

Academic Misconduct

Use of AI to complete assessments is prohibited. However AI can be a useful tool for learning. It should be used to clarify small pieces or answer questions about specifics only. Do not ask AI to complete a question or section of an assessment. Instead ask AI specific questions that will facilitate your own learning.

AI Prompts that are not acceptable:

- Pasting assessment requirements directly into the prompt
- Asking for complete SQL statements
    - “Write a SQL prompt to retrieve data from a table tableName with columns named col1, col2”
- Giving AI chatbots table data and asking for SQL statements based on the data
    - “Based on the following data how would I retrieve rows where price is not over $100”

AI Prompts that are more acceptable

- Asking for clarification on concepts
    - “What is the SELECT statement used for?”
    - “What comparison operators can I use with SQL?”
    - “How can I create an alias for a column in SQL?”

I urge you to be careful when using AI, I believe it is best to avoid it at all costs. The technology may give more information than asked for and can lead to submissions that border on academic misconduct. Also the more complicated the prompt becomes, the less useful AI is. AI is great for simple requests but can give more nonsense the more you ask of it. So while you may be able to get by using AI for the basics, you can easily be hung out to dry when you begin creating more complicated SQL queries.

While I do not care if you decide to cheat as it only impacts yourself I must uphold the College’s standards. If I suspect use of AI I will give zeros on the first offense and escalate on further offenses.

I will do my best to give you useful resources for completing assessments and I am always happy to provide guidance in class or through Blackboard messages.

It is important to remember that the reason you joined this program is to learn. Letting AI complete assessments for you or copying work off of classmates only hurts your own learning.

Assessment Submissions

Assessments will explain how to properly submit them at the top of the assessment specification. Deductions will be applied to incorrectly submitted assessments. In general the rules are as follows.

Single File Submissions

Some submissions will only contain a single file. In these cases the file should be submitted using this general format, **HTTP5126-L#-*LabName*-*LastNameFirstName*.SQL**. You should replace *LastNameFirstName* with your name as it is displayed in Blackboard. The files will be provided with the assessment with a general format like above, you simply need to rename the file with your information.

> eg. **HTTP5126-L2-AccessData-BebisMatthew.SQL**

Zipped Folder

Assessments with multiple files will be submitted using zip folders. This zipped folder should be renamed to match this general format, **HTTP5126-*AssessmentName*-*LastNameFirstName*.zip**. Your last name and first name, as written on BlackBoard, should be swapped in. Be sure to rename the file on your system, do not only rename the file after you upload to blackboard. This updates only for the blackboard view, the one you upload retains the original name from the initial upload.

> eg.
>
> **HTTP5126-Project-BebisMatthew.zip**
> ↪ **ProjectPresentationSlides.pptx**
> ↪ **V1.0_CreateTables.sql**
> ↪ **V1.1_PopulateTables.sql**
> ↪ **etc.**

*You should not zip the parent folder holding your files as this will add an extra layer to your zipped folders structure.

Deductions

Files named incorrectly will be subject to deduction of 0.5% of the total % of the assessment. For example, an assessment worth 5% of total grade, can only earn up to 4.5% if files are named incorrectly.

All assessments are subject to **Coding Convention** deductions typically at 0.25%, sometimes 0.5%, for each infraction. Typically these deductions are capped at 1/4th of the assessments total worth. Although sometimes they are less, the only exception is no cap for the final project.

The point is to teach structure for our code so fixes can be made in the future. In working environments you will be expected to match the coding conventions of the team you work with to deliver code consistent with that of your team so the code is readable for everyone on the team.

Extra Resources

I will be posting extra resources in each week's content folder. These are not required to review and are only there for your curiosity or extra practice should you be seeking for it.