MAD 103

Data Fundamentals

Instructor

A. Sodiq Shofoluwe

Email :

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- Email to request an appointment outside of office hours. Emails will be responded to within 24 hours during the work week.

- When contacting me:
  - You **must** use your ***stclair*** email.
  - Please include your name and student number at the bottom of the message

Current information will be posted in the Information section of the blackboard course.

Course Description

This course is designed to introduce the student to data representation, storage and transmission as used in web and mobile application development. Students will be introduced to popular formats for passing data as well as methods for storing and retrieving information from a database.

Students will use a relational database management system (DBMS) for managing database tables and SQL (Structured Query Language) for creating, altering, retrieving and deleting information and table structures.

Important Dates

Semester 1

Start Date: September 3rd, 2024

End Date: December 20th, 2024

Description	Date
Add/ Drop a course	September 16, 2024
Thanksgiving – College Closed	October 14th, 2024
Exam week	December 9th – 13th, 2022

Academic Standing Policy

- To be academically eligible to graduate from a program at St. Clair College a student must pass all required courses and achieve a 2.00 grade point average in the courses related to that program

- In cases of sub-standard performance, students will receive one of the following standings: academic warning, academic probation, or academic dismissal.

- A student on academic warning or probation may be required to successfully complete failed courses before proceeding in the program.

Academic Standing Policy

- **Academic Standing: Good:** A student will receive academic good standing at the end of a semester when the student has successfully completed all courses and maintained a Career Grade Point Average (GPA) of 2.00 or greater.

  Academic Standing: Warning: A student will receive an academic warning at the end of a semester if 1% to 15% of the career credit hours within a term have been failed. Academic Standing: Probation: A student will be placed on academic probation at the end of a semester when the Career semester GPA falls below 2.00 or if 16 to 32% of the Career credit hours have been failed.

  Academic Standing: Dismissal: Academic dismissal may be imposed if: three or more courses are failed; fails 33% or more of the Career credit hours; has a Career Grade Point Average less than 2.00 for two consecutive semesters; fails the same course twice; is on probation following re-admission to a Career and fails to achieve a semester GPA of 2.00 by the next evaluation period.

  http://www.stclaircollege.ca/programs/postsec/policies/

Other Contact Information

Student Technical Support

- Live support is available **8:00 AM – 12:00 AM EST**, **Saturday & Sunday**. Online support is available through **chat**, **audio**, and **video**.

- If you require support **Monday to Friday,** please contact the **St. Clair College Service Desk** which is open from **7:30 am – 8:00 pm** via the MY ST. CLAIR PORTAL.

- If you are having account problems, please visit https://www.stclaircollege.ca/it-services/contact.

Other Contact Information

Peer Tutoring
Peer Tutors can provide one-on-one help with course content, and pass along useful study strategies, but they will not do a

Peer Tutoring gives you:

- Help to prepare for quizzes, tests and exams.

- A study partner who can help you understand and remember your material.

- The perspective and support of a student who knows how to be academically successful. The opportunity to build confidence in your own academic skills.

https://www.stclaircollege.ca/student-services/tutoring-services

Assignments

- The due dates for assignments are as follows:
  - Assignments are due by the stated due date and time
    - Assignments must be submitted using the submission point on Blackboard by the stated due date and time and in the correct format
  - All assignments are weighted equally – 2.5%
  - This weighting is what is important – not the number of marks on the assignment.
    - The number of marks per assignment will vary.
    - If one assignment is worth 10 marks and another worth 100 marks, the one worth 100 marks is not worth more than the one work 10 marks. They are equally weight so they are worth the same
  - You may have multiple assignments per week – all assignments and their submission points are posted to their weekly Blackboard folders

Assignments

It is important that you read the entire assignment prior to starting

- Follow the instructions in the assignment.

- Any assignment submitted past the posted due date and time **is late** and is NOT eligible for marks.

- All due dates and times are posted in Blackboard under the MAD 103 Due Dates tab

Assignments, Quizzes & Due Dates

- Quizzes are posted to blackboard and you have until the end of the the workday Friday of that week to complete the quiz

- For example, a quiz is assigned in week #1 – you will have until the end of the workday Friday (5:00 pm) of week #1 to complete the quiz

- There are NO extensions allowed for quizzes

Assignments and Quizzes - Marks

Project #	Marks
Assignment #1	2.5
Assignment #2	2.5
Assignment #3	2.5
Assignment #4	2.5
Assignment #5	2.5
Assignment #6	2.5
Assignment #7	2.5
Assignment #8	2.5
Assignment #9	2.5
Assignment #10	2.5
Assignment#11	2.5
Assignment#12	2.5
TOTAL MARKS	30

Assignments and quizzes are equally weighted

Quiz #	Marks
Quiz #1	1
Quiz #2	1
Quiz #3	1
Quiz #4	1
Quiz #5	1
Quiz #6	1
Quiz #7	1
Quiz #8	1
Quiz #9	1
Quiz #10	1
TOTAL MARKS	10

How do I calculate my weighted grade?

Each quiz is worth 1%

- If you received 8/10 on the first quiz you would be able to calculate your weighted grade as follows

$$8 / 10 = .8$$

- Your weighted grade for this quiz is 0.8%

- If you next quiz was 8/15 the weighted grade would be

$$8 / 15 = 0.533333..$$

- Your weighted grade for this quiz is 0.53333%

Assignments

- **Academic Integrity**

  You are required to do your own work!

- All assignments will be compared – any instances where assignments match will be handled as per the Code of Student Rights and Responsibilities

- [Code of Student Rights & Responsibilities](#)

How to be successful in this course

- **Do the work**
  - We will have dedicated lab time for you to complete the work – don't avoid these times, don't take the work home and don't leave the work until the last minute. I am there to answer questions and provide help. We cover a lot of material – if you miss a class, you may miss an entire topic
  - Some of the work will look simple, but being able to master the technique may take longer than expected. If you leave it to the last minute, you will not get the work completed

- **Come to class**
  - In addition to the assignments we will be doing hands on exercises every class.   If you miss the class, you may miss some important information that is not covered in the weekly assignments. Plus you can now…

- **Ask questions**
  - If you do not understand a topic – ask. It can be in class, in lab, during office hours or via Teams.

How to be successful in this course

- **Use the course lecture materials**
  - If you need to further understand something you are doing – review the course materials.
    - Review the lecture notes and class exercises
    - Review any of the posted links in Blackboard
  - DO NOT GOOGLE AN ANSWER – there are a number of bad answers out there – everything you need to know is contained in the provided lecture materials!
  - Any answers that implement anything that we have not covered in class will automatically receive a mark of 0 for that question. **I will not ask you to implement anything that we have not covered in class**

Email

- It is **VERY** important that you check your college email regularly
- This is the only method I have for communicating with you
  - I will notify you of changes to the course, due dates, test dates, etc. through email
- When emailing me instructor you **MUST** use your St Clair College email account
  - I will not respond to any email that comes from your personal email account.
  - When emailing, ALWAYS include your full name, section and student number at the bottom of the email

For example:

Peter Parker
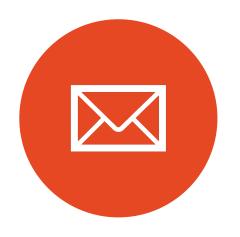MAD 103 – 001
#09123093

Petey

Email

- Include a subject line:
  - This tells me what the email concerns
  - **Do not** put your entire email message in the subject line nor leave it empty

Example Subject Line: **Assignment 2 - *Problem with Title Not Displaying Properly***

- If this is concerning a problem, detail what the problem is in the email **and** attach any supporting document.
  - Do not simply say – "My code doesn't work". Detail what is wrong and what you have done to try and correct the problem
  - I am unable to help you if you if you just attach a screen shot of a single line of code – include all the files for the assignment

Email Etiquette

KEEP THE CONTENTS OF YOUR EMAIL PROFESSIONAL

PROOFREAD BEFORE SENDING

REMEMBER, THIS IS NOT A TEXT MESSAGE TO A FRIEND. NO 'UR' OR EMOJIS