Algonquin College Logo

COURSE SECTION INFORMATION

# Jérôme Mizon

CST8279 – Introduction Computer Programming using Python

### Internet Applications and Web Development

**Professor’s Name: Jérôme Mizon**

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**Phone: 3446**

**Office: T307C**

**Out of Class**

**Assistance: Office hours and eOffice hours**

**Course Number: CST8279**

**Course Section: 300**

**Academic Year: 2022**

**Term: Fall**

**Academic Level: 1**

### Section-Specific Information

Laboratory attendance is compulsory, and absence from three or more laboratory sessions without the prior consent of the professor will result in a final grade of “F”. Students are responsible for keeping a record of the number of laboratory sessions they have missed. Professors will not inform students of an impending failure  
because of missed laboratory sessions.  
  
All laboratory exercises must be successfully completed in order to obtain course credit . Exercises not completed by the deadline will receive a reduced mark of 50%. Any missed evaluation points will result in a grade of “0”. In the case of a documented emergency the professor, in consultation with the Chair, will determine how the marks  
will be made up and/or final grade adjusted.  
  
Marks for the lab component will not be included in the final grade unless the student achieves at least a grade of 50% or “D-” on the combined mid-term exam and final exam. Students who have a failing grade on the combined mid-term exam and final exam will receive a grade of “F”.

### Evaluation Breakdown

|  |  |  |
| --- | --- | --- |
| **Assessment** | **Value** | **CLRs** |
| Six to eight labs | 40% | 1 to 10 |
| Test (s) | 35% | 1 to 8 |
| Final exam Practical | 25% | 1 to 8 |

### Learning Schedule (subject to change with notification)

| **Date** | **Weekly Theme and Learning Outcomes** | **Learning Activities** | **Assessments (%)** | **Resources** | **CLRs** |
| --- | --- | --- | --- | --- | --- |
| Week 1 | Course Presentation | Lab, installing Python, Pycharm and Visual Studio Code. |  |  |  |
| Week 2 | Introduction to Python | Lab |  |  | 4 |
| Week 3 | Variables, Python Inputs and Outputs | Lab |  |  | 1,2,3 |
| Week 4 | Python functions and modules | Lab |  |  | 1,2,3,6,7 |
| Week 5 | Selections in Python. | Lab |  |  | 1,2,3,6,7 |
| Week 6 | Loops in Python | Lab |  |  | 1,2,3,6,7 |
| Week 7 | Test 1, theoretical | Practical Test | 35% |  |  |
| Week 8 | Break | Break | Break | Break |  |
| Week 9 | Python strings | Lab |  |  | 1,2,3,6 |
| Week 10 | Python lists and tuples | Lab |  |  | 1,2,3,6 |
| Week 11 | Python dictionaries | Lab |  |  | 1,2,3,6 |
| Week 12 | Accessing databases | Lab |  |  | 1,2,3,6 |
| Week 13 | Review |  |  |  |  |
| Week 14 | Test 2, theoretical | Practical Final exam | 35% 25% |  | 1,2,3,6 |