

# Course Addendum

Semester**: Winter 2024** Subject Code: **SYD366** Section**: All**

Subject Title: **Software Analysis and Design 1**

Professor: Tevin Apenteng Email: tevin.apenteng@senecapolytechnic.ca

Office Hours**: Tuesdays 8:00 am - 9:00 am**

Approved by:

Nadine Ellul, Chair, School of Software Design & Data Science

Please read this addendum to the general course outline carefully. It is your guide to the course requirements and activities.

Please refer to the course outline for learning outcomes, course description and text and materials.

Please also visit [ict.senecacollege.ca](https://seneca-my.sharepoint.com/personal/laura_ojanen_senecacollege_ca/Documents/Course%20Materials/ict.senecacollege.ca) for key information on courses, graduation requirements, transfer credit, and more from the School of Software Design and Data Science.

Please note that during the Winter semester for your flex course, the lecture meeting is online/in-person and the lab meeting is in-person.

**Assessment Summary**

|  |  |
| --- | --- |
| Tests | 60% |
| Labs | 20% |
| Assignments | 20% |

## Course Policies

You must achieve **all** of the criteria listed below in order to pass this course:

 Achieve a grade of 50% or better on the weighted average of the tests and final assessment.

 Grading Policy: <https://www.senecapolytechnic.ca/about/policies/grading-policy.html>

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**WEEKLY SCHEDULE**

**Semester - Winter 2024**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week** | **Topic or Skill** | **Reading** | **Assessment** | **Weight** |
| **1** | * Welcome * Systems Development life cycle * Methodologies | * Read course introduction material * Review methodologies videos * watch defining classes videos and examples * work on Introduction lab * work on defining classes lab | * **Introduction Lab** | **1%** |
| **2** | * Defining classes including associations | * Review sequence diagrams * Work on defining classes lab – part 1 | * **Defining Classes Lab – part 1** * **Group Activity** | **1%**  **1%** |
| **3** | * Case Study Example | * Review video and notes about financial transactions and taxes * Work on money lab | * **Defining Classes Lab – part 2** * **Group Activity** | **1%**  **1%** |
| **4** | * Money Lab Discussion | * Work on money lab * Prep for test | * **Money Lab** * **Group Activity** | **3%**  **1%** |
| **5** | * Money Test | * Review notes on a videos posted on inventory and inventory accounting * Work on inventory lab | * **Money Test** | **5%** |
| **6** | * Inventory Lab Discussion | * Work on inventory lab * Prep for test | * **Inventory Lab** * **Group Activity** | **3%**  **2%** |
| **7** | * Inventory Test | * Review notes and videos posted on sales, loyalty programs and business tax requirements * Work on sales lab | * **Inventory Test** | **20%** |
| **8** | * Sales Lab Discussion | * Work on sales lab * Work on Scheduling Lab | * **Sales Lab** * **Group Activity** | **2%**  **1%** |
| **9** | * Scheduling Lab Discussion | * Work on scheduling lab * Prep for test | * **Scheduling Lab** * **Group Activity** | **2%**  **1%** |
| **10** | * Assignment Discussion | * Prep for assignments |  |  |
| **11** | * Individual Assignment | * Prep for assignments | * **Individual assignment** | **15%** |
| **12** | * Group Presentation | * Prep for presentations | * **Group Presentation** | **5%** |
| **13** | * Sales and Scheduling Test | Prep for test | **Sales and Scheduling Test** | **35%** |
| **14** | * Wrap up Q/A Meetings |  |  | **1%** |

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