Seneca | SCHOOL OF SOFTWARE DESIGN & DATA SCIENCE

Course Addendum

Semester**:** **Winter 2023** Subject Code: **IPC144** Section**: NDD**
Subject Title: **Introduction to Programming using C**
Professor: **Dr. Dilli Sharma** Office**:**
E-mail: **dilli.sharma@senecacollege.ca** Ext**.**
Office Hours**: Monday @ 11:40 a.m – 1:25 p.m (Room: B3090)**
Thursday @ 4:15 pm – 6:00 p.m (Room: A4526)

Approved by: _____

Kathy Dumanski, Chair, School of Software Design and 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 sdds.senecacollege.ca for key information on courses, graduation requirements, transfer credit, and more from the School of Software Design and Data Science.

Assessment Summary

- **Workshops (8)** **15%**
  - Each Workshop:
    - Part 1: 10%
    - Part 2: 40%
    - Part 2 reflection: 50%

  Note: although successful completion of the workshops is not required, failure to successfully complete all or most of the workshops will make it difficult to earn sufficient grades to pass the course, and lead to difficulties successfully completing the assignment and the midterm and final assessments.

- **Assignments (1)** **20%**
  - Milestone 1 – 5%
  - Milestone 2 – 5%
  - Milestone 3 – 10%

- **Quizzes (min. 12)** **15%**
  - Weekly in-class reading/review/walkthrough/logic exercises (***best 10/12***)

- **Test (midterm)** **20%**

- **Final Assessment** **30%**

Course Policies

To obtain a credit in this subject, a student must have a passing average for the course and a weighted passing average for the midterm and final assessments.

Workshop and assignment submissions that do not meet specifications and/or instructor expectations may be returned to the student for revision and resubmission at a reduced grade. Reflections will not be read or graded until the associated workshop or assignment is deemed acceptable and graded.

Late submissions of workshops, and assignments will not be accepted without the prior approval of your professor based on submitted evidence of extenuating circumstances. All workshops and assignments must be submitted using the matrix submitter and submissions by other means cannot be accepted.

Although students are not required to successfully complete exercises, workshops, and assignments, it is very difficult to pass the course or understand the concepts in follow-on courses without successfully completing all prescribed term work.

Supplemental Blackboard Reading Exercises

There are reading exercises provided for each topic in the course notes. The exercises are in the form of self-assessment quizzes. Students may do the exercises as many times as they wish, the highest grade achieved is recorded in the Blackboard Gradebook but does not contribute towards the final grade. It is strongly recommended that you do each reading exercise at least once on or before the date of each week's listed topics and prior to your in-class gradable quizzes.

Academic Policies:
http://www.senecacollege.ca/about/policies/academics-and-student-services.html

PLEASE RETAIN THIS DOCUMENT FOR FUTURE EDUCATIONAL AND/OR EMPLOYMENT USE.

TENTATIVE WEEKLY SCHEDULE (Winter 2023)

Week	Topic	Prescribed Reading	Quiz	Workshop/Assignment	Weight Value
W1 (Jan.9 – Jan.13)	Introduction to VS & matrix. C - output	Types, Calculations, Expressions		Workshop #1	• WS: 0.75%
W2 (Jan.16 – Jan.20)	Types, Calculations, Expressions	Types, Calculations, Expressions	1. Reading Quiz (Week 2 AND Week 3 Material)	Workshop #2	• Reading Quiz: 1.5% • WS: 0.75%
W3 (Jan.23 – Jan.27)	Types, Calculations, Expressions (*Continued*)	Logic	2. Exercise Quiz	Workshop #3	• Exercise Quiz:1.5% • WS:0.75%
W4 (Jan.30 – Feb.3)	Logic (Selection)	Logic	3. Reading Quiz (Week 4 AND Week 5 Material)	Workshop #4	• Reading Quiz: 1.5% • WS: 1.5%
W5 (Feb.6 – Feb.10)	Logic (Iteration)	Arrays, Intro. To C Strings, Style, Testing and Debugging	4. Exercise Quiz	Workshop #5	• Exercise Quiz:1.5% • WS: 1.5%
W6 (Feb.13 – Feb .17)	Arrays, *(Including an intro. to C Strings)*, Style, Testing and Debugging	Structures	5. Reading Quiz	Workshop #6	• Reading Quiz: 1.5% • WS: 2.25%
W7 (Feb.20 – Feb.24) **Note:** Feb.20 Holiday	Structs **Midterm Assessment** (up to and including arrays)	Functions, Pointers	6. Reading Quiz	< no workshop > **Midterm Assessment**	• Reading Quiz: 1.5% • Midterm:20%
STUDY WEEK					
W8 (Mar.6 – Mar.10)	Functions, Pointers	Functions, Arrays and Structs, and Pointers, Arrays and Structs	7. Reading Quiz	Workshop #7	• Reading Quiz: 1.5% • WS: 3.0%
W9 (Mar.13 – Mar.17)	Functions, Arrays and Structs, and Pointers, Arrays and Structs	Character strings, input, Output, and Library Functions	8. Reading Quiz	Workshop #8	• Reading Quiz: 1.5% • WS: 4.5%
W10 (Mar.20 – Mar.24)	Character strings, and Input, Output, and Library functions	String Library, More Input & Output	9. Reading Quiz	Assignment MS-1	• Reading Quiz: 1.5% • MS1: 5.0%
W11 (Mar.27 – Mar.31)	String Library, More Input & Output	Text Files, Records and Fields	10. Reading Quiz	Assignment MS-2	• Reading Quiz: 1.5% • MS2: 5.0%
W12 (Apr.3 – Apr.7) **Note:** Apr.7 Holiday	Text Files, Records and Fields	<No prescribed reading>	11. Reading Quiz	Assignment MS-3	• Reading Quiz: 1.5% • MS3: 10.0%
W13 (Apr.10 – Apr.14)	Review	<No prescribed reading>	12. Review Quiz	<No practical due>	• Review Quiz: 1.5%
W14 (Apr.17 – Apr.21)	**Final Assessment**			**Final Assessment**	• Final: 30%