Seneca | SCHOOL OF SOFTWARE DESIGN & DATA SCIENCE

Course Code	SFT221	Course Section	NFF	Course Title	Software Testing
Term	Winter 2024 (2241)	Course Outline Link	Course Outline Link	Instructional Mode	In Person
Scheduled Weekday for Lecture	Friday	Scheduled Class Start Time (in Eastern Time)	11:40 AM	Scheduled Class End Time (in Eastern Time)	2:20 PM
Professor's Name	Fagun Vankawala	Professor's Email Address	fagun.vankawala@senecapolytechnic.ca	Professor's Telephone Number	N/A
Scheduled Office Hours	Periodically as required	Professor's Preferred Method of Communication	Email / Teams	Expected Response Time	Up to 2 days

Assessment Summary

Workshops (4 @ 3% and 2 @ 4%)	20%
Project (6 Milestones @ 30%, 2 Presentations @ 10%)	40%
Tests (Test1 10%, Test2 10%, Test3 20%)	40%

The semester starts on January 8, 2024

Week	Class type	Topics/Activities	Instruction Mode	Class Location	Assessment (Type and weight)
Week 1 Jan 8 – Jan 12	Lecture and Lab	Introduction Importance of Testing Types of Testing	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 1: Debug **3%**
Week 2 Jan 15 – Jan 19	Lecture and Lab	Test Data Selection	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 2: Testing **3%**
Week 3 Jan 22 – Jan 26	Lecture and Lab	Unit Testing Testing in Visual Studio Test Coverage	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 3: Unit Testing **3%**
Week 4 Jan 29 – Feb 2	Lecture and Lab	Debugging Techniques	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 4: Debugging **3%**
Week 5 Feb 5 – Feb 9	Lecture and Lab	Visual Studio Debugging	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 5: VS Debugging **4%** **Test 1: 10%**
Week 6 Feb 12 – Feb 16	Lecture and Lab	Other Debugging Tools Debugging Other Languages	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Workshop 6: Logs **4%**
Week 7 Feb 19 – Feb 23 **Mon Feb 19 is a holiday**	Lecture and Lab	Software Development Life Cycle Testing in the Life Cycle Testing Life Cycle	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 1 **4%**
Study Week is February 26 to March 1, 2024					
Week 8 Mar 4 to Mar 8	Lecture and Lab	Quality Assurance The Software Test Plan Jira	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 2 **4%**
Week 9 Mar 11 to Mar 15	Lecture and Lab	Version Control Test Cases	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 3 **4%**
Week 10 Mar 18 to Mar 22	Lecture and Lab	Bug Reporting	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project MS4 - 5% **Test 2: 10%**
Week 11 Mar 23 to Mar 29 **Fri Mar 29 is a holiday**	Lecture and Lab	Quality Assurance Workflow	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 5 **Presentation 1: 5%**
Week 12 Apr 1 to Apr 5	Lecture and Lab	Debugging On Linux Debugging On Web Browsers	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 5 **8%**
Week 13 Apr 8 to Apr 12	Lecture and Lab	Review	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	Project Milestone 6 **5%** **Presentation 2: 5%**
Week 14 Apr 13 to **Apr 19**	Lecture and Lab	Final Test	In-Person (Attend on campus)	Physical Classroom (Newnham Bldg C - C3032)	**Test 3: 20%**

Other Important Semester Dates

February 19, 2024 is Family Day and Seneca is closed

March 29, 2024 is Good Friday and Seneca is closed

Study Week is February 26 to March 1, 2024

The semester ends April 19, 2024

IMPORTANT INFO

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 Welcome | School of Software Design and Data Science (senecacollege.ca) for key information on courses, graduation requirements, transfer credit, and more from the School of Software Design and Data Science.

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 tests.

Each student has an allowance of 2 late days for individual work and teams have an allowance of 4 late days for teamwork. This means you can be late for two days for individual work and four days for group work without penalty. You could be 1 day late on four group assignments or 4 days late on 1 group assignment. Any late work beyond that will be NOT be accepted without prior consent of your instructor.

Although students are not required to successfully complete workshops, and projects, it is very difficult to pass the course without successfully completing most term work.

A+	90% to 100%
A	80% to 89%
B+	75% to 79%
B	70% to 74%
C+	65% to 69%
C	60% to 64%
D+	55% to 59%
D	50% to 54%
F	0% to 49% (Not a Pass)

Academic Policies

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

For further information, see a copy of the Academic Policy, available online (http://www.senecacollege.ca/about/policies/academics-and-student-services.html) or at Seneca's Registrar's Offices.

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