

# Course Addendum

Semester**: Winter 2023** Subject Code: **SED200** Section**: NAA**

Subject Title: **Design and Analysis**

Professor: Miguel WatlerOffice**:**

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Office Hours**: Tuesday 9:50am-11:35am, Thursday 9:50am-11:35am**

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](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.

**Assessment Summary**

Assignments - 60% (minimum 4)

Test - 20%

Final Exam - 20%

## Course Policies

Satisfactorily complete all assignments (they have to be working)

Achieve a weighted average of 50% or better for the midterm and final exam

Achieve a grade of 50% or better on the overall course (midterm, final, quizzes, Workshops and assignments)

**Academic Policies:**

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

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**WEEKLY SCHEDULE**

**Semester Year**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week** | **Topic or Skill** | **Reading** | **Assessment** | **Weight** |
| [**Week 1**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week1/Week1.html)  **Jan 9-13** | **Introduction** | **Engineering Design Ch. 1** | [**Assign. 1**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Assignments/Assignment1/Assignment1.html) **(due end of week 4)** | **(5% Assign.1 part A)** |
| [**Week 2**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week2/Week2.html)  **Jan 16-20** | **The Business Case** | **Planning & Design Ch. 8** |  | **(5% Assign.1 part B)** |
| [**Week 3**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week3/Week3.html)  **Jan 23-27** | **Requirements Collection** | **Engineering Design Ch. 2** |  | **(5% Assign.1 part C)** |
| [**Week 4**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week4/Week4.html)  **Jan 30-Feb 3** | **The Environment and Public Welfare** | **Planning & Design Ch. 9** | [**Assign. 2**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Assignments/Assignment2/Assignment2.html) **(due end of week 7)** | **15% Assign. 1**  **(5% Assign. 2 part A)** |
| [**Week 5**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week5/Week5.html)  **Feb 6-10** | **The Design Process I** | **Planning & Design Ch. 3** |  | **(5% Assign. 2 part B)** |
| [**Week 6**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week6/Week6.html)  **Feb 13-17** | **The Design Process II** | **Planning & Design Ch. 3** |  | **(5% Assign. 2 part C)** |
| [**Week 7**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week7/Week7.html)  **Feb 20-24** | **Testing and Rework,**  **MidTerm** | **Engineering Design Ch. 7** | [**Assign. 3**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Assignments/Assignment3/Assignment3.html) **(due end of week 10)** | **15% Assign. 2**  **(5% Assign. 3 part A)** |
|  |  | **Study Week** |  |  |
| [**Week 8**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week8/Week8.html)  **Mar 6-10** | **Product Support, Sustaining Engineering** | **Article: Software engineering beyond the project** |  | **20% midterm**  **(5% Assign. 3 part B)** |
| [**Week 9**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week9/Week9.html)  **Mar 13-17** | **Teamwork** | **Planning & Design Ch. 6** |  | **(5% Assign. 3 part C)** |
| [**Week 10**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week10/Week10.html)  **Mar 20-24** | **Project Scheduling** | **Planning & Design Ch. 5** | [**Assign. 4**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Assignments/Assignment4/Assignment4.html) **(due end of week 13)** | **15% Assign. 3**  **(5% Assign. 4 part A)** |
| [**Week 11**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week11/Week11.html)  **Mar 27-31** | **The Project Plan** | **Essentials of Project Management Ch 3** |  | **(5% Assign. 4 part B)** |
| [**Week 12**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week12/Week12.html)  **Apr 3-7** | **Risk Assessment** | **Planning & Design Ch.11** |  | **(5% Assign. 4 part C)** |
| [**Week 13**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week13/Week13.html)  **Apr 10-14** | **Lessons Learned** | **Article: A Guide to Capturing Lessons Learned** |  | **15% Assign. 4** |
| [**Week 14**](https://github.senecacollege.ca/pages/miguel-watler/courses/sed200/Week14/Week14.html)  **Apr 17-21** | **Review,**  **Final Exam** |  |  | **20% final** |

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