

Course Addendum

Semester: Fall 2022	Subject Code: BDM300	Section: 1
Subject Title: Data Mining		
Professor: Dr. Asem Omari	Office: Newnham	
E-mail: asem.omari@senecacollege.ca	Ext. 22064	
Office Hours: online- & by appointment		

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

Tests (Midterm)	20%
Final	15%
Assignments	30%
Labs	20%
Project	15%

Course Policies

To obtain a credit in this subject, a student must:

- Average of 50% or better for the two tests.
- 50% or better on the overall course.

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
Semester Year

Week	Topic or Skill	Reading	Assessment	Weight
Week 1 September 12-16	<i>Introduction to the course</i> <i>Introduction to Data Mining</i>	<i>Introduction to Data Mining</i> lecture notes	<i>Lab</i>	
Week 2 September 19-23	<i>Introduction to R and RStudio</i>	<i>R and RStudio</i> Lecture notes	<i>In-Class Activity_1</i> <i>Lab</i>	3%
Week 3 September 26-30	<i>Data extraction, preprocessing and visualization</i>	<i>Data extraction, preprocessing and visualization</i> Lecture notes	<i>In Class activity_2</i> <i>Project</i> <i>Lab</i>	3%
Week 4 October 3-7	<i>Association Rule Mining</i>	<i>Association Rule Mining</i> Lecture notes	<i>Assignment 1</i> <i>In-Class activity_3</i> <i>Lab</i>	3%
Week 5 October 17-21	<i>Association Rule Mining</i>	<i>Association Rule Mining</i> Lecture notes	<i>In-Class Activity_4</i> <i>Assignment 1</i> <i>due.</i>	3% 10%
Oct 24-28		Study Week		
Week 6 Oct 31-Nov 4	Midterm test			20%
Week 7 November 7-11	<i>Classification</i>	<i>Classification and regression</i> Lecture notes	<i>Assignment 2</i> <i>Lab</i>	3%
Week 8 November 14-18	<i>Classification and regression</i>	<i>Classification and regression</i> Lecture notes	<i>In-Class Activity_5</i> <i>Assignment 2</i> <i>due</i> <i>Lab</i>	3% 10%
Week 9 November 21-25	<i>Clustering</i>	<i>Clustering</i> Lecture notes	<i>Project due</i> <i>Assignment 3</i>	15%

Week 10 November 28- December 2	<i>Clustering</i>	Clustering Lecture notes	<i>In-Class Activity _6</i>	3%
Week 11 December 5-9	<i>Project</i> <i>Discussion</i> <i>All groups</i>	All Lecture notes	<i>In-Class Activity _6</i> Assignment 3 <i>due</i> <i>Lab</i>	2% 10%
Week 12 December 12-15	Final assessment			15%

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