

Course Code	BDM600	Course Section	A	Course Title	Advanced Data Visualization
Term	Winter 2024 (2241)	Course Outline Link	<a href="#">BDM600 Course Outline</a>	Instructional Mode	In Person
Scheduled Weekday for Lecture	Tuesday	Scheduled Class Start Time (in Eastern Time)	11:40 AM	Scheduled Class End Time (in Eastern Time)	2:20 PM
Professor's Name	Allan Randall PhD	Professor's Email Address	<a href="mailto:allan.randall@senecapolytechnic.ca">allan.randall@senecapolytechnic.ca</a>	Professor's Telephone Number	(416) 764-9384

Assessment Summary
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20% Labs, 20% Assignments, 15% Project, 10% Quizzes, 15% Midterm, 20% Final

The semester starts on Jan. 8					
Week	Class type	Topics/Activities	Instruction Mode	Class Location	Assessment (Type and weight)
Week 1: Jan 8-12	Lecture and Lab	Introduction, Ch. 1	In-Person (Attend on campus)	Newnham C4032	Lab 1 [2%]
Week 2: Jan 15-19	Lecture and Lab	Overview, Ch. 2	In-Person (Attend on campus)	Newnham C4032	Lab 2 [2%] Assgt 1 assigned
Week 3: Jan 22-26	Lecture and Lab	Discrete Distributions, Ch. 3	In-Person (Attend on campus)	Newnham C4032	Lab 3 [2%]
Week 4: Jan 29 - Feb 2	Lecture and Lab	Visualization of Discrete Distributions	In-Person (Attend on campus)	Newnham C4032	Lab 4 [2%], Quiz 1 [2%]
Week 5: Feb 5-9	Lecture and Lab	2-way Contingency Tables, Ch. 4	In-Person (Attend on campus)	Newnham C4032	Lab 5 [2%] Assgt 1 due [10%]
Week 6: Feb 12-16	Lecture and Lab	Visualization of 2-way Data	In-Person (Attend on campus)	Newnham C4032	Lab 6 [2%], Quiz 2 [2%] Assgt 2 assigned
Week 7: Feb 19-23	Lecture and Lab	Review	In-Person (Attend on campus)	Newnham C4032	
Study Week: Feb 26 - Mar 1					
Week 8: Mar 4-8	Lecture and Lab	Midterm	In-Person (Attend on campus)	Newnham C4032	Midterm [15%]

Week 9: Mar 11-15	Lecture and Lab	Loglinear & Mosaic Displays, Ch. 5	In-Person (Attend on campus)	Newnham C4032	Lab 7 [2%], Quiz 3 [2%] Assigt 2 due [10%]
Week 10: Mar 18-22	Lecture and Lab	Logistic Regression, Ch. 7-9	In-Person (Attend on campus)	Newnham C4032	Lab 8 [2%] Project assigned
Week 11: Mar 25-29	Lecture and Lab	Model Extensions, Ch. 10-11	In-Person (Attend on campus)	Newnham C4032	Lab 9 [2%], Quiz 4 [2%]
Week 12: Apr 1-5	Lecture and Lab	Correspondence Analysis & High-dimensional Displays, Ch. 6	In-Person (Attend on campus)	Newnham C4032	Lab 10 [2%]
Week 13: Apr 8-12	Lecture and Lab	Review	In-Person (Attend on campus)	Newnham C4032	Quiz 5 [2%]
Week 14: Apr 15-19	Lecture and Lab	Final	In-Person (Attend on campus)	Newnham C4032	Final [20%] Project due [15%]
The semester ends Apr. 19					

Other Important Semester Dates

IMPORTANT INFO

Primary Addendum Approved by:  
BDM

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 pass, the student must achieve a grade of 50% or better on the weighted average of the tests/quizzes and final assessment.

Late work will be penalized at up to 10% per day, at the instructor's discretion.

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>

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