

Course Code	DBS311	Course Section	NGG	Course Title	Advanced Data Services
Term	Winter 2024 (2241)	Course Outline Link	<a href="#">Course Outline Link</a>	Instructional Mode	FASET FLEX
Scheduled Weekday for Lecture	Tuesday	Scheduled Class Start Time (in Eastern Time)	9:50 AM	Scheduled Class End Time (in Eastern Time)	11:35 AM
Scheduled Weekday for Lab	Wednesday	Scheduled Class Start Time (in Eastern Time)	8:00 AM	Scheduled Class End Time (in Eastern Time)	9:45 AM
Professor's Name	Vanessa Fu	Professor's Email Address	<a href="mailto:vanessas_fu@senecapolytechnic.ca">vanessas_fu@senecapolytechnic.ca</a>	Professor's Telephone Number	N/A

## Assessment Summary

Labs (Minimum 9) 15%  
 Test (Minimum 1) - 20%  
 Assignments (Minimum 2) 50% - (A1 20% - A2 - 30%)  
 Final Assessment - 15%

The semester starts on Jan 8th 2024					
Week	Class type	Topics/Activities	Instruction Mode	Class Location	Assessment (Type and weight)
Week 1 (Jan 8 - 12)	Lecture	Intro Databases / Oracle Review of SQL	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	no lab, possible extra lecture
Week 2 (Jan 15 - 19 )	Lecture	Single Row Functions	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 01 - 1.5%
Week 3 (Jan 22 - 26 )	Lecture	Multi Row Functions	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 02 - 1.5% Assignment 01 - 20%
Week 4 (Jan 29 - Feb 2)	Lecture	Sub-Queries	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 03 - 1.5%
Week 5 (Feb 5 - 9)	Lecture	Set Operators	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	

Week 5 (Feb 5 - 9)	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 04 - 1.5%
Week 6 (Feb 12 - 16)	Lecture	Stored Procedures Conditional statements	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 05 - 1.5% Assignment 01 - Due
Week 7 (Feb 20 - 23)	Lecture	Review	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	Mid-term Test - 20%
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	
Study week is from Feb 26th to Mar 1st, 2024					
Week 8 (Mar 4 - 8)	Lecture	Stored Procedures - Iteration Statements	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 06 - 1.5% Assignment 02 - 30%
Week 9 (Mar 11 - 15)	Lecture	Stored Procedures - Iteration Statements / Cursors	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 07 - 1.5%
Week 10 (Mar 18 - 22)	Lecture	NoSQL - MongoDB - Create/Delete Documents Data Types	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 08 - 1.5%
Week 11 (Mar 25 - 28)	Lecture	MongoDB Query	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 09 - 1.5%
Week 12 (Apr 1 - 5)	Lecture	MongoDB Update Documents	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	Lab 10 - 1.5% - Assignment 02 Due
Week 13 (Apr 8 - 12)	Lecture	Mongo aggregation	Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab		In-Person (Attend on campus)	Newnham Bldg A - A4516	
Week 14 (Apr 15 - 19)	Lecture		Flexible (Attend on campus or online)	Physical Classroom (Newnham Bldg D - D1012)	
	Lab	Final Test	In-Person (Attend on campus)	Newnham Bldg A - A4516	Final Test - 15%
The semester ends April 19th, 2024					

\* If you are teaching a compressed (7-week) course, highlight rows 33 to 40, right click, and select 'Hide'.

\* Additional rows are available for courses that have two teaching blocks per week. For weeks 1 - 7, highlight lines 22 to 32, right click, and select 'Unhide'. For weeks 9 - 15, highlight lines 39 to 49, right click, and select 'Unhide'. For further instruction, please see the instruction tabs to identify how to alter the Addendum to showcase the full details of the course. Upon completion of the addendum - highlight row 51 and 52, right click and HIDE THESE LINES.

#### Other Important Semester Dates

**IMPORTANT INFO**

Primary addendum 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**

Satisfactorily complete assignments  
Achieve a weighted average of 50% or better for the tests and final assessment  
Achieve a grade of 50% or better on the overall course  
Labs are not mandatory. It means to pass the course you do not have to complete and submit the labs. If you miss a lab, there will not be a makeup.  
Students may not receive a mark for late assignment submissions or resubmissions, but they need to complete the assignment successfully to pass the course.

- Assessment Summary**
- Labs (Minimum 9) - 15%
  - Assignments (Minimum 2) - 50% - (A1 - 20% - A2 - 30%)
  - Test (Minimum 1) - 20%
  - Final Assessment - 15%

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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