Computer Science 1001

Introduction to Programming (Section 001/003/004) Winter 2023 (UPDATED)



Department of Computer Science

Instructor: George Miminis

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Office Hours: By appointment

Phone: 864-8635

E-mail: george@mun.ca (***please use this email to contact me, not D2L***)

I **DO NOT** regularly check my email in Brightspace (D2L). Please send any emails to my **george@mun.ca** address, rather than my D2L address, and **definitely** include **COMP1001** in the subject line. Official email correspondence within the university must be via a valid **@mun.ca** email account.

Course Prerequisite: None

Credit Restricted: the former COMP 1710
Course Content: https://online.mun.ca/

Course Objectives:

Introduction to Programming is an introduction to fundamental programming techniques, primitive data types, and to simple algorithms and their design concepts, using Python 3.

Textbook:

Cay Horstmann, Rance Necaise, Python for Everyone, 3rd Edition, Wiley, 2019, ISBN: 978-1-119-65844-3.

Topics to be discussed:

- Introduction, Sequential operations
- Decisions
- Loops
- Functions
- Lists, Sorting and Searching
- Objects and Classes
- Inheritance and Polymorphism
- Recursion
- Files and Exceptions
- Linked Lists

Evaluation: The final grade in this course will be determined as follows:

Laboratory quizzes (best 6 out of 7)
Midterm exam
30%
Final examination
46%

Format: 3 lectures and 3 lab hours per week

Lecture Time: Section 001 - Slot 20, Tuesday, Thursday 3:30 p.m. - 4:45 p.m.

Lecture Room: IIC2001

Lab Time: Section 003 - Slot 65, Friday 2:00 p.m. - 4:50 p.m.

Section 004 - Slot 42, Tuesday 9:00 a.m. - 11:50 a.m.

Lab Rooms: CS1019 and CS1009

Course Schedule (Tentative):

Dates	Topics to be Completed	Related Textbook Chapter Readings	
Week 1: Jan 5 – Jan 11	Introduction	Ch. 1	
com an game of game and	Sequential Operations	Ch. 2 (Except Section 2.6)	
Week 2: Jan 12 – Jan 18	Sequential Operations	Ch. 2 (Except Section 2.6)	
Ween 2. Jun 12 Jun 10	Decisions	Ch. 3 (Except Special Topic 3.7, Worked	
		Example 3.2 and Toolbox 3.2)	
Week 3: Jan 19 – Jan 25	Decisions	Ch. 3 (Except Special Topic 3.7, Worked	
Week 5. Jan 17 – Jan 25	Loops	Example 3.2 and Toolbox 3.2)	
	Loops	Ch. 4 (Except Worked Example 4.3 and	
		Sections 4.10 and 4.11)	
Week 4: Jan 26 – Feb 1	Loops	Ch. 4 (Except Worked Example 4.3 and	
Week 4. Jan 20 – Peb 1	_ -	Sections 4.10 and 4.11)	
	Functions	,	
		Ch. 5 (Except Worked Example 5.4 and	
W. 15 E10 E10		Sections 5.9 and 5.10)	
Week 5: Feb 2 – Feb 8			
Week 6: Feb 9 – Feb 15			
Week 7: Feb 16 – Feb 22	Functions	Ch. 5 (Except Worked Example 5.4 and	
(Feb 20-24, Midterm Break)		Sections 5.9 and 5.10)	
Week 8: Feb 23 – Mar 1	Lists, Sorting and Searching	Ch. 6 (Except Worked Examples 6.1 and 6.4,	
(Feb 20-24, Midterm Break)		Special Topics 6.4-6.7, and Toolbox 6.1)	
,		Ch. 12 (Only Sections 12.1 and 12.6, and	
		Special Topic 12.2)	
Week 9: Mar 2 – Mar 8	Objects and Classes	Ch. 9 (Except Worked Example 9.2)	
	Midterm Exam for		
	Lab Section 003 –		
	Friday, Mar 3, 2pm NT		
	Midterm Exam for		
	Lab Section 004 –		
	Tuesday, Mar 7, 9am NT		
Week 10: Mar 9 – Mar 15	Objects and Classes	Ch. 9 (Except Worked Example 9.2)	
	Inheritance and	Ch. 10 (Except Section 10.6)	
	Polymorphism	City 10 (Elicope section 1979)	
Week 11: Mar 16 – Mar 22	Inheritance and	Ch. 10 (Except Section 10.6)	
	Polymorphism	Ch. 11, Section 5.10	
	Recursion		
Week 12: Mar 23 – Mar 29	Recursion	Ch. 11, Section 5.10	
	Files and Exceptions	Ch. 7 (Except Section 7.4, Toolbox 7.4, and	
	The and Pacepuolis	Worked Example 7.3)	
Week 13: Mar 30 – Apr 6 <mark>, and</mark>	Linked Structures		
Apr 10			
Final Exam Period:	The actual Date/Time of the Final Exam is scheduled by the Registrar's		
Apr 13 – Apr 21	Office. Please check Memorial Self Service.		

Lab and Lab Quiz Schedule (Tentative):

	Chapters	Section 004 – Tuesday, Slot 42	Section 003 – Friday, Slot 65
Lab#	Covered	Lab Exercises 9:00am - 11:20am	Lab Exercises 2:00pm - 4:20pm
		Lab Quiz 11:20am - 11:50am	Lab Quiz 4:20pm - 4:50pm
0	Chapter 1	Jan 10 (Week 1)	Jan 13 (Week 2)
		No Quiz Due, Try Sample Quiz 0	No Quiz Due, Try Sample Quiz 0
1	Chapter 2	Jan 17 (Week 2)	Jan 20 (Week 3)
2	Chapter 3	Jan 24 (Week 3)	Jan 27 (Week 4)
<mark>3</mark>	Chapter 4	Jan 31 (Week 4)	Feb 3 (Week 5)
4	Chapter 5	Feb 28 (Week 8)	Feb 17 (Week 7)
Midterm	Chapters 1-5	Mar 7 (Week 9)	Mar 3 (Week 9)
Exam			
5	Chapters 6 and 12	Mar 14 (Week 10)	Mar 10 (Week 10)
6	Chapter 9	Mar 21 (Week 11)	Mar 17 (Week 11)
7	Chapter 10	Mar 28 (Week 12)	Mar 24 (Week 12)
8	Chapter 11,	Apr 4 (Week 13)	Mar 31 (Week 13)
	Section 5.10,	Quiz 8 will be on Recursion only;	Quiz 8 will be on Recursion only;
	Chapter 7	Quiz 8 will not include Files and	Quiz 8 will not include Files and
		Exceptions	Exceptions

Practice Problem Set Recommended Schedule:

Practice Problem Set	Chapters Covered	Recommended Completion Date
1 - Sequential Operations	1, 2	Monday, Jan 23 (Week 3)
2 - Decisions	3	Monday, Jan 30 (Week 4)
3 - Loops	4	Wednesday, Mar 1 (Week 8)
4 - Functions	5	Wednesday, Mar 1 (Week 8)
5 - Lists	6	Friday, Mar 17 (Week 11)
6 - Sorting and Searching	12	Friday, Mar 17 (Week 11)
7 - Objects and Classes	9	Friday, Mar 31 (Week 13)
8 - Inheritance and Polymorphism	10	Friday, Mar 31 (Week 13)
9 - Recursion	11, Section 5.10	Thursday, Apr 6 (Week 13)
10 - Files and Exceptions	7	Thursday, Apr 6 (Week 13)

Important notes to read, understand and follow for this course:

1. Labs and Lab Quizzes

- Labs begin on Tuesday, Jan 10 (for Lab Section 004) and Friday, Jan 13 (for Lab Section 003). See table above for lab/quiz due dates.
- Lab Exercises will be available approximately one week in advance of the actual lab time. You may start and/or complete the exercises whenever you wish within that time period, but we recommend that you at least complete the Pre-lab Exercises portion of the lab before the lab begins. Lab assistants will be available during the first 2 hours and 20 minutes of the allotted lab time to answer any questions that you may have about the lab exercises. We strongly recommend that you complete all of the lab exercises before attempting the lab quiz.
- The Lab Quiz must be completed in the last half hour of the lab and must be done on a lab computer.
- The lab quiz will be based on material covered in lectures and in the lab, based on the lab topic. The quiz is the only means of obtaining credit for work done during the lab period. Lab Exercises are not for credit and do not have to be submitted.
- While taking the lab quiz, make sure your answers to each question are saved as you answer them. If you run out of time and the auto-submit feature forces you to submit your quiz, then it will only accept the answers that have already been saved. You are allowed only one attempt for each quiz. Make sure you finish and submit each quiz well before the cutoff time, on the due date, since the time on your computer may be off by a few minutes from CITL's system clock and CITL's system will cut you off based on its

- system clock. Note that, depending on the quiz setup, once you save an answer to a quiz question and move on, you may not be allowed to go back and change it.
- Once you complete and submit the lab quiz, you will receive feedback on your quiz results once the due date/time for that quiz has passed and any required manual grading has been done.
- There will be no deferred lab quizzes for this course.
- Lab quizzes are to be done individually. If cheating is detected for a quiz, the quiz will be given -100% NOT just 0%, to a maximum deduction of the overall value of the quizzes. For example, since the quizzes are worth 24% overall, academic misconduct on 3 quizzes will leave you with 0% for the term for quizzes; academic misconduct on one quiz will leave you with the ability to achieve a maximum of 16% for quizzes. The department head will also be notified of any academic misconduct.

2. Practice Problem Sets

- During the term you will be given 10 practice problem sets to work on. Since these practice problem sets are for your own learning experience, they are NOT TO BE SUBMITTED FOR CREDIT, but should be worked on by the specified recommended completion date. Working on the practice problem sets should help you to gain an understanding of the concepts covered in many of the topics of the course and to gain experience in problem solving, designing and coding problem solutions.
- Each practice problem set will have a number of questions that will require coding/programming in Python 3. Python (and potentially the **Python Integrated DeveLopment Environment (IDLE)**) can be downloaded and installed from here: https://www.python.org/downloads/. Please note that we can't troubleshoot installations (too many variables in people's computer set-ups!). You can also get a quick idea of some of the basics of Python by visiting the w3schools site: https://www.w3schools.com/python/. We don't use that site in our teaching, but it lets you try out some simple Python commands directly in your web browser without needing to install anything. You do NOT need to download and install Python Wing IDE or any other IDE.
- Practice problem sets will be posted on the course Brightspace page, approximately 5 to 7 days before the recommended completion date. See the Practice Problem Set Schedule table above for recommended completion dates which are given to keep you on track with the course.
- Please note that some of the questions given to you in a problem set may already be solved by someone else and, hence, solutions for these questions can potentially be found online, but the solutions found on the web may solve the problem using concepts that are not covered in this course and hence, on the quizzes/exams, if such concepts are used you will be penalized and not get full marks even if your program generates the required correct output.
- Solutions for the practice problem sets will not be provided. You need to work through them and if you are stuck at some point then you may wish to get help from your fellow classmates, your instructor, or the instructional staff.

3. Exams

IMPORTANT: Students will be expected to complete the midterm exam and final exam in the lab environment electronically in Brightspace (D2L) using the Quiz tool. **If we are doing remote learning during the exam periods, students will also be expected to join their instructor (or their delegate) in an online room with VIDEO ON.**

Midterm Exam

- The midterm exam will be scheduled for Tuesday, Mar 7 (at 9am) for Lab Section 004 and Friday, Mar 3 (at 2pm) for Lab Section 003.
- O As with the quizzes, make sure your answers to each of the questions are saved as you answer them. If you run out of time and the auto-submit feature forces you to submit your exam, then it will only accept the questions that have been saved. If you are modifying a "long answer" style question, please click away from it periodically to force a save. If the midterm exam is set up to be paged with certain restrictions, then once you save the answer to a question and you move to the next page, you may not be allowed to go back and change your answers to the previous questions. Again, this depends on the setup please check the information given at the start of the midterm exam

carefully to understand any such restrictions.

- o It is important to note that this course does not have an option for writing a deferred midterm exam. If, for any reason, you miss the midterm exam, you should contact your instructor right away (within 48 hours of the scheduled exam time), giving the reasons for missing the exam, and requesting that the weight of your midterm exam be added to the weight of your final exam. If your request is approved by your instructor, then the weight of your final exam will be increased accordingly, otherwise your final exam will be worth the original amount and you will receive a 0 for the missed midterm exam.
- o Feedback and/or solutions will be provided to students who submit the midterm exam.
- o The midterm exam is to be done individually. If cheating/plagiarism is detected for the midterm exam, the exam will be given -100% NOT just 0%. Hence, academic misconduct on the midterm exam will leave you with the ability to achieve a maximum of 40% in the course. The department head will also be notified of any academic misconduct.

Final Exam

- The final exam will be scheduled by the **Registrar's Office** for some time during the regular exam period (Apr 13 Apr 21). For the exact final exam date and time, check on **Memorial Self-Service**.
- Requests for any deferred final exam should be made by filling in the Request for Deferred Exam form
 and submitting it to the head of the Department of Computer Science (or their delegate) and to
 your instructor. The completed form should be sent to the following email addresses:
 cs-ugradadv@mun.ca
- o This form can be accessed from:
 https://www.mun.ca/computerscience/media-library/ugrad/ugforms/Deferred-Exam-Form-Fill.pdf
- Final exams are to be done individually. If academic misconduct is detected for a final exam, the case will be reported to the department head, who will forward it to the Senate Committee on Undergraduate Studies for investigation and appropriate action.
- No supplementary examination will be given for this course.

4. General Notes

- Memorial University of Newfoundland is committed to fostering equitable and accessible learning environments for all students. Accommodations for students with disabilities are provided in accordance with the <u>Accommodations for Students with Disabilities Policy</u> and its related procedures. Students who feel that they may require formal academic accommodations to address barriers or challenges they are experiencing related to their learning are encouraged to contact <u>Accessibility Services (the Blundon Centre)</u> at the earliest opportunity to ensure any required accommodations are provided in a timely manner. You can contact Accessibility Services (the Blundon Centre) by emailing <u>blundon@mun.ca</u>.
- Course information (e.g., practice problem sets, lab exercises, quizzes/exams, links to lecture notes, announcements, grades, etc) can be found in Brightspace (D2L).
- There will be no lectures or labs from **Monday, February 20 to Friday February 24** (Midterm Break).
- No late submissions will be accepted. If, for special circumstances (such as medical or bereavement), you miss a deadline for a grade item, notify your instructor as soon as possible and not later than 48 hours, providing an explanation for the missed work and any related documentation (if documentation is required). Failure to do this can result in a mark of 0% for that work. If your reasons for the missed work are acceptable, then the weight of the missed work may be added to your final exam.
- A doctor's note is not required for short term illness. Please refer to the **current University policy** regarding medical notes and the information to be in them. For more information, please see the University Calendar University Regulations General Academic Regulations (Undergraduate) **6.7.5 Exemptions** from Parts of the Evaluation and **6.15 Appeal of Decisions**, or consult the Registrar's Office.
- Any e-mail messages to the instructor or instructional staff must contain **COMP1001** in the subject line and must be sent from a valid Memorial University email account. Please note that you cannot email to a Brightspace "online.mun.ca" email address from an outside address (such as "mun.ca" or "gmail.com"), nor can you email from a Brightspace "online.mun.ca" email address to an outside address. Thus, Brightspace "online.mun.ca" email addresses can only be used within the Brightspace environment.

- The lectures and all material delivered or provided in COMP 1001, including any visual or audio recording thereof, are subject to copyright. It is prohibited to record or copy by any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from the course instructor (G. Miminis) any of the lectures, materials provided or published in any form during or from the course.
- Please note that the last day to drop a course without academic prejudice, this semester, is April 10th. You do not need anyone's permission to drop the course before the last drop date. You can drop the course yourself using Memorial Self-Service. If you have any difficulties with dropping the course at that time then please contact reghelp@mun.ca. Anyone wanting to drop the course after that deadline should contact our undergraduate advisor, at cs-ugradadv@mun.ca, to make the request. Important! Late drops can only be approved in very specific circumstances, as detailed in Regulation 6.5.6.2 here: https://www.mun.ca/regoff/calendar/sectionNo=REGS-0524.

5. Academic Integrity

- Academic integrity means taking full responsibility for the academic work you submit for your courses, so
 that your professors can evaluate you on the basis of your own understanding and effort. It means being
 honest and honourable in all academic pursuits, even in difficult circumstances. Students are expected to
 know and avoid academic offences; ignorance of an offence is not an acceptable excuse for committing it.
 Penalties could include reprimand, reduction of grade, probation, suspension, or expulsion from the
 University. For more information, refer to the University Regulations for Academic Misconduct (Section
 6.12) in the University Calendar, revisit the INTG 1000 course in Brightspace, or see the <u>undergraduate</u>
 page about academic integrity.
- Please note that any interesting problem given to you as a practice problem/assignment, quiz or exam question is often already solved by someone and hence solutions for these problems can be found on the internet. If you submit, for credit, the solution (or part of the solution) to the problem from the internet then you could be found guilty of academic misconduct for the whole grade item as this would not be your own work, but someone else's work. It is important for you to understand that you are not permitted to submit someone else's work as your own.
- Moreover, it is also important to know that if you want to learn the material covered in the course then you should work through your own problem solutions. Often when working on problems, you can consult and study other resources or discuss the problem with your friends and classmates to understand the given question, but if you are required to submit a solution, then the answer that you submit must be your own work using the concepts covered in the text book and/or class notes. If you develop the solution to the problem together with your friends, then your answer most likely will be quite similar or the same and you could be found guilty of academic misconduct for the whole submission.
- Helping a friend or classmate is encouraged during the learning process, but letting someone copy what you will submit is not permitted and will be taken seriously; both you and your friend/classmate could be found guilty of academic misconduct for the whole grade item.
- Likewise, if you go for help to a senior student to find a problem solution and that senior student also helps other students with their solution, then whether you know the other students or not, your answer will likely seem similar (or the same) and you could be found guilty of academic misconduct for the whole grade item.
- All submitted work for credit (lab quizzes, assignments (if applicable to the course offering), midterm exam and final exam) is to be done **individually**. We take academic integrity very seriously.
- Academic misconduct in the course will be reported to the department head, who may forward it to
 the Senate Committee on Undergraduate Studies for investigation and appropriate action. In the
 case of academic misconduct on a final exam, all cases are forwarded to the Senate Committee on
 Undergraduate Studies.

6. COVID and Continuity Related Notes

• In the case of any disruptions/cancellations, and in the case of revisions to evaluation methods, the instructor or the Head of the department will notify all students registered in the course via the course shell in Brightspace. Any necessary revisions to the evaluation methods will be made in consultation with the

- students registered in this course. If a student demonstrates that they would be disadvantaged by the change, then, as per 6.7.4 of the University Calendar, accommodations will be made.
- To protect yourself and those around you, it is important to stay home if you feel unwell, or if you are under quarantine because you have potentially been exposed to the virus. Please keep your instructor informed so we can work together to allow you to keep up with the course materials should you need to miss labs, etc. You will not be penalized if you need to stay home for quarantine. Memorial University has recognized the importance of academic leniency as we work to keep our campus safe for all. If you miss any submissions for credit due to a situation relating to COVID-19, then please notify me within 48 hours with your reasons for missing the submission.
- There is nothing more important than your mental and physical health. Doctors' notes are not required for medical absences in this course. You are encouraged to seek appropriate medical attention from the Student Wellness and Counselling Centre. I encourage you to reach out to the Blundon Centre as early as possible to discuss any adjustments you think may be necessary for you to successfully complete this course.
- While the COVID-19 pandemic is slowly subsiding in many parts of the world and vaccination rates are increasing, this is still a stressful time for many. It's important that we support each other and keep informed of current information. The Memorial COVID-19 website is an excellent source of information and support, with specific links for students, supports and services, and health and wellness.
- As long as we are on campus, weekly quizzes, midterm exam, and final exam will be conducted in-person. If
 you are feeling unwell and will be remaining home, please contact me by my mun.ca email before the scheduled
 evaluation date, if possible.
- If Memorial University campus operations are required to change because of health concerns related to the COVID-19 pandemic, it is possible that this course will rapidly move to a fully online delivery format. Should that be necessary, students will need to have access to a networked PC or Mac computer with webcam and microphone for remote delivery of the class. Please review the university's minimum computer requirements.
- Should we shift our class to fully remote delivery, this will likely remain in-place for a minimum of two weeks as a "circuit-breaker" to allow the university and province to evaluate safety requirements.
- Should we shift to fully remote delivery, lectures for COMP 1001 may be **synchronous** during the alotted class time, but there <u>may be</u> some **asynchronous** lectures included. Labs will transition to remote delivery via Online Rooms or Webex.
- Some individual topics/labs may be cancelled and the course evaluation may be changed.
- In the event of individual student absenteeism, evaluation components may be replaced and/or reweighted (ex. an evaluation component may be replaced by an alternative method of evaluation, or the component weighting may be shifted to another component).
- With the possibility of transition to remote learning, and the further likelihood that some students may need to remain at home if feeling unwell, our quiz, midterm exam, and final exam evaluations may be conducted online from a personal computer. Please be sure you are set to meet the minimum computer requirements.

7. <u>Student support</u>

- Memorial University of Newfoundland is committed to supporting inclusive education based on the principles of equity, accessibility and collaboration. Accommodations are provided within the scope of the University Policies for the Accommodations for Students with Disabilities (www.mun.ca/policy/site/policy.php?id=239). Students who may need an academic accommodation are asked to initiate the request with the Glenn Roy Blundon Centre at the earliest opportunity (www.mun.ca/blundon).
- In addition to your instructor, instructional staff are also available to help students with course material through the help centre, via email/phone, or by appointment. See the **Instructional Staff Contact Information and Schedule** link on the course web page.
- The on-campus (in-person) Computer Science Student Help Centre is located in EN-2026, S. J. Carew Engineering Building, St. John's campus. Please see the following link (also available on the course Brightspace page) for hours of operation each semester:

 https://www.mun.ca/computerscience/ugrad/HelpCtr Schedule.php

- If we are doing remote learning, the in-person Help Centre will be closed.
- Help with any Brightspace (D2L) technical issues is available by contacting the **CITL Support Centre** via phone (1-866-435-1396, or locally at 709-864-8700), online chat (when available) or via their ticketing system. This contact information is available at: https://www.citl.mun.ca/support/
- Please note that Memorial University offers a broad range of supports. For a more comprehensive list of student supports and resources, please check out the following links:
 - o https://www.mun.ca/munup/supports-and-resources/
 - o https://www.mun.ca/main/students.php

8. Additional supports

All students should be aware of the in-person and remote supports that Memorial University offers, which include:

- MUNUp is an online hub which hosts supports and services to help all students succeed.
- The Memorial University Bookstore (UC2006) offers a wide range of retail products, including all course materials (books, access codes and ebooks), as well as clothing, gifts and school supplies.
- The Academic Advising Centre (SN4053) serves prospective, first-year, undeclared and students transitioning between programs at the undergraduate level. If you are unsure what you want to study, schedule an appointment with an academic advisor.
- The Student Wellness and Counselling Centre (SWCC) (UC5000) provides counselling, health, and wellness support for students including primary health care, counselling, health promotion, disease prevention, and wellness education. Services are available online and in person.
- The Student Experience Office (ASK UC3005) is a hub to help students:
 - transition to university life,
 - develop leadership and teamwork skills, and
 - learn how to get involved through volunteering and experiential learning.
- The Indigenous Student Resource Centre (ISRC) (208 Elizabeth Avenue) supports Indigenous students by creating a welcoming community, by providing an engaging and inclusive space, and by offering an array of programs and resources to ensure success. It also assists the non-Indigenous University Community to walk a good path and build positive relationships with Indigenous peoples.
- The Internationalization Office provides a variety of programmes to support international students' transition to MUNL and to our province. To learn more about the Internationalization Office's supports and services, please connect with our office. There is a staff directory for the Internationalization Office to help you find the supports you are looking for.
- In case you need help with need help with finances and funding, there are a number of resources available.
- The Student Support Office can provide support to students in distress concerning a financial, academic or personal matter. The Student Support Office can also assist students who wish to raise a concern and seek a resolution to a matter related to their student experience at MUNL. The Student Code of Conduct outlines the expectations of students at Memorial University and provides an avenue to address behaviours that deviate from the Code. The Student Support Offices also coordinates the Non-Academic Appeal procedures for students, who need to raise concerns about a university employee or situation. This process ensures that student complaints are dealt with in a fair and equitable manner.
- The Sexual Harassment Office (Earth Sciences E-6039) prevents sexual harassment and sexual assault through education, mitigates the effects of sexual harassment and sexual assault, and identifies methods for timely resolutions of complaints of sexual harassment and sexual assault which may arise at Memorial University. While working towards a resolution of a complaint, the Sexual Harassment Office can coordinate interim accommodations as necessary.
- Students should also download the Navigate App which is the primary means of booking appointments for the Academic Advising Centre, Student Experience Office, and other centres.
- Reach out to the many Student Clubs and Societies which can help you deepen learning in your discipline or
 pursue your interests outside the classroom and get connected with others.
- MUNSU Resource Centres: https://munsu.ca/resource-centres/
 - Intersections: A Resource Centre for Marginalized Genders

- MUN Sexual and Gender Advocacy Resource Centre (MUN SAGA)
- Disability Information & Support Centre (MUN DISC)
- International Student Resource Centre (ISC)
- The Circle: First Nations, Inuit, & Métis Students Resource Centre
- Students Older Than Average (SOTA)
- Student Parent Assistance & Resource Centre (SPARC)