COSC 111 – Computer Programming I
Winter 2021 – Term 1

UBC OKANAGAN

Instructor: Dr. Abdallah Mohamed

Lectures:
Mon Lecture: Asynchronous (mostly)
Wed Lecture: 14:00-15:30 PDT **EME-0050 (in-person)**

Labs:

L01	Tue 14:00-16:00 PDT	online / FIP 129	TA: Ranslam, Kyle
L02	Tue 14:00-16:00 PDT	online / FIP-133	TA: Ogungbemi,Ouwayemisi
L03	Thu 14:00-16:00 PDT	online / FIP-133	TA: Abu-Hijleh, Haneen
L04	Thu 08:00-10:00 PDT	online / SCI-234	TA: Hodge, Samantha
L05	Fri 10:00-12:00 PDT	online / FIP-133	TA: Hodge, Samantha
L07	Fri 14:00-16:00 PDT	online / FIP-129	TA: Rampaul, Monica
L08	Fri 14:00-16:00 PDT	online / ASC-165	TA: Lucio, Luis
L09	Wed 08:00-10:00 PDT	online / SCI-126	TA: Ogungbemi,Ouwayemisi
L10	Mon 14:00-16:00 PDT	online / FIP-129	TA: Raizada, Aashish
L11	Mon 12:00-14:00 PDT	online / FIP-133	TA: Marshall, Quinn
L12	Fri 12:00-14:00 PDT	online / SCI-126	TA: Dunn, Matthew
L13	Fri 08:00-10:00 PDT	online / FIP-133	TA: Dunn, Matthew
L14	Wed 14:00-16:00 PDT	online / FIP-129	TA: Carvalho, Ivan
L16	Fri 12:00-14:00 PDT	online / FIP-133	TA: Abu-Hijleh, Haneen
L17	Wed 16:00-18:00 PDT	online / FIP-129	TA: Lucio, Luis
L18	Mon 12:00-14:00 PDT	online / FIP-129	TA: Rampaul, Monica

Office hours:
Mon 14:00-15:30 PDT Zoom:7562761523 (password given on Canvas)
Wed 15:30-16:00 PDT in-person, SCI-108
or by appointment

E-mail:
Instructor: abdallah.mohamed@ubc.ca **(preferred contact method)**
TAs: use the clickable TA names above

Phone: (250) 807-8247

Course URL:
https://canvas.ubc.ca
https://cmps-people.ok.ubc.ca/abdalmoh/teaching/111

Course Description

COSC 111 (3) Computer Programming I: Introduction to the design, implementation, and understanding of computer programs. Topics include problem solving, algorithm design, and data and procedural abstraction, with emphasis on the development of working programs. This course should be followed by COSC 121. [3-2-0]

Prerequisites

A score of 70% of higher in one of Math 125, Math 12, Prec 12.
Students who lack the prerequisites should not be registered for this course and will receive a failing grade if they remain in it. Any exceptions must be brought to the attention of the instructor immediately.

Learning Outcomes

Upon successful completion of this course, students will be able to:

- understand, identify and use basic terminology used in computer programing.
- design and develop strategies for solving basic programing problems.
- identify and use different data types in a computer program.
- use algorithmic expressions to manipulate data.
- use arrays to store and process data.
- design programs involving selection statements, loops, and methods.
- identify different types of errors in Java programs.
- use selected set of predefined Java classes.
- write a simple program using Java objects.
- use an IDE to develop programs.

Assessment

- Lecture Quizzes **7 %** (iClickers + online Canvas quizzes, full mark if you get more than 80%)
- Lab
  - Assignments **15 %** (+ chance of bonus)
  - Project **8 %** (+ chance of bonus)
- Exams
  - Two Midterms **30 %** (75 minutes each, **in-person during scheduled lecture time**)
  - Final **40 %** (cumulative, **in-person**)

Bonus: Python

***Passing criteria*:** to pass the course, a student must receive: (1) an overall course grade of at least 50%, and (2) a combined grade of at least 50% on the exams, midterms and final (based on the best option from the above table). Otherwise, the student will be assigned a maximum mark of 45. Students will not be able to receive a passing grade if they are not registered to the required lab section.

Grading Practices: Faculties, departments, and schools reserve the right to scale grades in order to maintain equity among sections and conformity to University, faculty, department, or school norms. Students should therefore note that an unofficial grade given by an instructor might be changed by the faculty, department, or school. Grades are not official until they appear on a student's academic record.

http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,41,90,1014

Grievances and Complaints: If you have any complaint related to this course, e.g., you feel your mark was unfair or incorrectly recorded, **please make sure that I am aware of the problem as soon as possible.** You may talk first to someone else if you do not feel, for whatever reason, that you can directly approach me. If the complaint is not resolved to your satisfaction, you should e-mail the Associate Head, Dr. Yves Lucet at (yves.lucet@ubc.ca) or the Department Head pro tem, Dr. Andrew Jirasek at (andrew.jirasek@ubc.ca).

Course Format

Lectures*:* This course uses a blended form of learning (i.e., both synchronous and asynchronous). There are **two lectures every week** (*see the course schedule near the end of this syllabus document*):

1) In-person lecture *(synchronous):*

- This is an in-person lecture that is given **every Wednesday** as indicated on page 1 of this syllabus.
- The lecture will be streaming live through Zoom **:** 7562761523 (password given on Canvas)
- I will also try to record these lectures and post them online (but this is not guaranteed).

2) Pre-recorded lecture *(asynchronous):*

- This is a pre-recorded video for the lecture. You can play the video recordings at different speeds (normal, fast, slow). You can also skip or rewind parts of the videos as needed.
- You can watch the recording at *any time*, **preferably before** the lecture time on **Monday 2:00 PM**. If this is not possible, you **must** watch this lecture **before the in-person lecture on Wednesday**.
- We will use the scheduled time from 2:00 PM to 3:30PM on Monday to answer any questions related to the recording. **I will not repeat the lecture during this time; I will just answer questions**.

Lecture Quizzes: We will have MCQs questions in almost every lecture, synchronous or asynchronous.

- **For pre-recorded videos**:
  - Questions will be embedded in the videos.
  - The embedded questions will *not* count towards your grade.
  - These same questions will be posted as Canvas quizzes that **will be counted** towards your grade
  - You must finish this quiz before the posted deadline.
- **For in-person lectures**:
  - Questions will be displayed **during the lecture, and they can only be answered using iClickers.**
  - Your iClicker responses will be counted towards your grade.
  - **Create an iClicker Cloud account** using these Instructions: https://lthub.ubc.ca/guides/iclicker-cloud-student-guide. Because the registration data is stored in the US, you can use a pseudonym name and email address. However, you **must link your iClicker account to Canvas**.
  - You can submit your responses through the web interface (must sign-in to your iClicker account) or phone app (search for iClicker Reef on our play/app store). Whether you use the web interface or phone app, you must "join" class on the clickers system after the class starts.

Labs

- Labs will be offered online using livestream (Your TA will make an announcement about the format).
- There is also a dedicated lab room reserved for those who would like to work on campus (as indicated on page 1 of this syllabus). However, you TA doesn't have to be physically present in that room.
- Labs are **not** necessarily recorded. Your TA will provide more information during your first lab.
- A student **must be registered in one lab** for his/her assignments to be accepted.

Exams

- ***Platform*****:** Exams will mostly be held **in-person**, in the same classroom used for the lectures, during the scheduled lecture times.
- **Scope:** Exam will focus on material discussed in the lectures. **Only language accepted for coding in the exams is Java.**
- ***Format*****:** The examinations in this course are all *closed-book*, so you are NOT permitted to access any of the course materials, including your notes, during the exam. You are also NOT to communicate with anyone about the exam during the scheduled write time or after the examination – you are to work independently. Communication with other students (written, text, verbal, etc.) is not permitted and will constitute Academic Misconduct.

Will Class Switch to Fully Online Mode?

The original plan is to have a blend of in-person and online sessions as explained in the Course Format section. However, we may be required to switch to fully online mode due to a number of reasons based on how things evolve (e.g. Covid19 exposure in class, new health regulations, etc.).

Missed Exams

If a student misses an exam without an acceptable excuse according to the UBC Okanagan's policy on excused absences from examinations, the mark received will be zero. If an acceptable excuse is provided to the instructor, then for:

- ***Midterm Examinations***: the grade will be combined with the marks of the final exam so that the exams are still worth **70 %** of the total grade. If a student misses both midterms with acceptable excuse, a make-up exam *might be* arranged for the second midterm. Note that a make-up exam may have a question format different from the regular exam.
- ***Final Examination***: all requests for changes to final exams must be sent to the office of the Associate Dean of Students (bsasdeansoffice.ubco@ubc.ca). Note the following:
  - Except in the case of examination clashes and hardships (three or more formal examinations scheduled within a 24-hour period) or unforeseen events, students will be permitted to apply for out-of-time final examinations only if they are representing the University, the province, or the country in a competition or performance; serving in the Canadian military; observing a religious rite; working to support themselves or their family; or caring for a family member. Unforeseen events include (but may not be limited to) the following: ill health or other personal challenges that arise during a term and changes in the requirements of an ongoing job. Further information on Academic Concession can be found under Policies and Regulation in the Okanagan Academic Calendar http://www.calendar.ubc.ca/okanagan/index.cfm?tree=3,48,0,0
  - a make-up exam may have a question format different from the regular exam
- **Missed clicker questions:** no answers will be accepted except those provided during the lecture time using your own clicker account.

Late Assignments/project

Except for extreme situations (e.g., illness, childbirth, or bereavement supported by a written proof such as a doctor's note), the following policy is applied to late assignments or project:

- **0 to 24 hours late**: 25% mark deduction (e.g., if an assignment is worth 20 marks, then 5 marks will be deducted from the assignment mark; no negative marks will be given.).
- **24 to 48 hours late**: 50% mark deduction
- **More than 48 hours**: no mark.

One-time Extension Policy

- Everyone can get a one-time extension for **3 days** for any assignment of their choice. Use this extension wisely as I will give no additional extensions unless in very very extreme situations (e.g. admission to hospital, death in family). If you used this extension then asked for another one due to having too many exams/assignments, travelling, etc. you will not get a second extension.
- This policy only applies to assignments A1, A2, etc., and it **does *not* apply to the last assignment or the Project.**
- **You do not have to ask for permission to use the 3-day extension**. Just inform your TA directly (no need to email the professor, but you must inform your TA)

Expectations

It is my best day when all my students pass the course, receive good grades, and feel the course was useful. For that to happen, help me by putting enough effort for the course. I expect that you will attend **all classes** and participate in class discussions, read the lecture notes **before** the lecture, attend **all labs**, finish all your assignments on time, and practice on the course materials. I also expect that you will spend (in average) **at least 7 hours per week** in out-of-class relevant activities (homework, preparation, practicing).

COVID-19 Safety

You are required to wear a nonmedical mask during our class meetings, for your own protection and for the safety and comfort of everyone else in the class. For our in-person meetings in this class, it is important that all of us feel as comfortable as possible engaging in class activities while sharing an indoor space. Non-medical masks that cover our noses and mouths are a primary tool for combating the spread of COVID-19. Further, according to the provincial mandate, masks are required in all indoor public spaces including Lobbies, hallways, stairwells, elevators, classrooms and labs. There may be students who have medical accommodations for not wearing a mask. Please maintain a respectful environment. UBC Respectful Environment Statement."

Required Equipment

- For the online portion of the course**:** all students must have access to **computers** with **reliable internet** + **microphone** + **webcam**. Students are encouraged to check out this link: https://keeplearning.ubc.ca/setting-up.
  - As indicated above, we may be required to switch to fully online teaching. Therefore, make sure you have access to (a computer + reliable internet + webcam + mic + quite room) as soon as possible.
- ***For class exercises*****:** all students are expected to have an **iClicker Cloud** account (instructions here).

Textbook and Reference Materials

- Course website and discussion forum on Canvas**.**
- Lecture Notes and Recordings (available electronically).
- Textbook: Y. D. Liang, Intro to Java Programming and Data Structures, 11th Edition, ISBN: 0134670949, 2017 (*Earlier editions are ok)*.
  - You can order a physical copy online, e.g., from Pearson website, Amazon, etc.
  - eBook format can be obtained through the UBC bookstore (https://shop.bookstore.ubc.ca/t-campus-ebookstore-okanagan.aspx) or VitalSource (https://www.vitalsource.com) or
  - https://www.campusebookstore.com/integration/AccessCodes/default.aspx?bookseller_id=240
  - This book comes with supplement materials
    - MyProgrammingLab (practice questions and exercises along with guidance and answers). This is optional and can be accessed here. Course id:: UOFB-49554-GKMA-50
    - Companion website (answers to review questions, solutions to some programming exercises, and interactive quizzes): http://wps.pearsoned.com/ecs_liang_ijp_10

  Optional resources/textbooks:
  - (free, online): David J. Eck, Introduction to Programming Using Java, Sixth Edition, available at http://math.hws.edu/javanotes/
  - P. Deitel and H. Deitel , Java How To Program (late objects) (10th Edition), ISBN: 0132575655, 2014

- Many websites provide coding activities for fun. Here are two examples: codewars.com, codingame.com. note that I am not affiliated with any of the two websites. Also, note that not some of the questions on these websites are not covered in the course.

Supplemental Learning (SL)

This course may come with SL sessions. SL is an academic enhancement program designed to help students match what they are learning in class with how to best engage with and study that information. SL should provide additional support for students outside of class time. More information about SL program will be given **during class time** *and* can be found on: https://students.ok.ubc.ca/academic-success/learning-hub/supplemental-learning/

Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.

A more detailed description of academic integrity, including the University's policies and procedures, may be found in the Academic Calendar
at: http://okanagan.students.ubc.ca/calendar/index.cfm?tree=3,54,111,0 and at
https://science.ok.ubc.ca/student-resources/academic-integrity

Cooperation vs. Cheating

Working with others on assignments is a good way to learn the material and we encourage it. However, there are limits to the degree of cooperation that we will permit. Any level of cooperation beyond what is permitted is considered cheating.

When working on programming assignments, you must work only with others whose understanding of the material is approximately equal to yours. In this situation, working together to find a good approach for solving a programming problem is cooperation; listening while someone dictates a solution is cheating. **You must limit collaboration to a high-level discussion of solution strategies**, and stop short of actually writing down a group answer. Anything that you hand in, whether it is a written problem or a computer program, must be written by you, from scratch, in your own words/code. **If you base your solution on any other written solution, you are cheating. If you provide your solution for others to use, you are also cheating.**

Important Dates

http://www.calendar.ubc.ca/okanagan

Course Schedule

(*tentative*)

The course schedule contains the most up-to-date information and important dates for main events such as assignments due dates and tests. Note that these dates and topics are subject to change. Any such change will be announced to students.

LAB EXERCISES: Before every assignment, you should start by practicing on easy exercises related to what we covered in the lecture. You are **not** required to submit your solution for these exercises. On contrary, I will provide the solutions along with the questions. However, to properly learn, you must try on your own first then compare your solutions to mine. If you have a bug in your code or something is not clear to you, don't hesitate to ask your TA, peers, or me. The aim is for you to practice on simple questions before attempting the assignment. Exercises are denoted **E1, E2, etc**. in the schedule below.

ASSIGNMENTS: In addition to lab exercises, you should also work on a new assignment in almost every lab. Solutions for these assignments are *not* given to you. Instead, you should submit your solution to Canvas before the due date. Marks are given based on the *correctness* of the solution as well as the structure and formatting of your code. The aim is to evaluate your work and help you to learn (based on the feedback you receive from the TA). Assignment and exercise questions are carefully designed to prepare you to exams. Assignments are denoted **A1, A2, etc**. in the schedule below.

BONUS ASSIGNMENTS: In addition to regular assignments, there will be additional bonus assignments every once in a while. The aim is to give you more exposure to topics that would enhance your knowledge about programming. Bonus assignments are denoted **B1, B2, etc.** in the schedule below.

PROJECT: You will also work on a project that aims to give you a hands-on experience of using the topics learned in one relatively large program. Labs will decompose this large problem into several smaller ones manageable by students. These parts are indicated as **P1, P2, etc**. in the schedule below. Guidance will be given during class and lab time for different parts. As the semester advances, less guidance will be provided and you will be more and more expected to come up with your own design.

DUE DATES: The due dates of the assignments and project parts are usually **one or two weeks from YOUR LAB day. All due dates are at 11:59 pm**. The due dates are written in the schedule below in the form: "**due in *W*$_n$"**, where *W* stands for "week" and *n* is the week number. For example, **A1 is "due in W3"** means that A1 is due in the third week, which is one week after YOUR lab section at 11:59pm. There are some exceptions where one specific due date is given for all students as shown below.

NO GROUP WORK IS ALLOWED: For all lab work, you may talk with others about the given problems and which parts of the course they are related to, but in all cases you must **write your own code and never share your code**! Please note that we use a **special software to detect plagiarism** in all submitted code.

The ***only*** exception of the group-work rule is clicker questions which you may discuss with your peers and before you provide the answer.

Week	Lectur	Day	Topics	In-person	Recording	Readings Based on 10th Ed.	Lab Work
W1	L1	Wed 8/9	Course overview, Computers' HW and SW First Java Program (printing on the console)	x		Sect. 1.1-1.8, 1.12 Sect. 2.16	No Labs during first week
W2	L2	Mon 13/9	Programming errors, Software Dev. Process More about Java data types, variables		x	Sect. 1.9-1.10	*Practice on W1:* **E1**: no need to submit **A1**: due in W4
	L3	Wed 15/9	Reading input from keyboard, constants *Operators*: arithmetic, Numeric conversion	x		Sect. 2.1-2.18	
W3	L4	Mon 20/9	Formatting output (printf) *Predefined classes*: Math, Character		x	Sect. 4.1-4.3,4.6	*Practice on W2:* **E2**: no need to submit **A2:** due in W4
	L5	Wed 22/9	*Predefined classes*: String	x		Sect. 4.4	
W4	L6	Mon 27/9	Intro to control statements *Operators*: Relational & Logical, Truth tables *Selection: 'if'*		x	Chapter 3	*Practice on W3* **E3**: no need to submit **A3:** due in W5 **P1**: due in W5 **B1** (bonus): due in W6
	L7	Wed 29/9	*Selection:* 'switch', conditional expression Operator precedence	x			
W5	L8	Mon 4/10	*Loops*: 'while', 'do-while'		x	Chapter 5	*Practice on W4 (selection)* **E4**: no need to submit **A4:** due in W7
	L9	Wed 6/10	*Loops*: 'for', Nested loops, 'break' and 'continue'	x			
	L10		Revision for Midterm #1 (prerecorded video)		x		
W6		Mon 11/10	**No class -- Thanksgiving Day**				No labs on Monday (Thanksgiving) Other labs: Continue work on A4
	L11	Wed 13/10	**Midterm Exam #1, in-class** ("operator precedence" is the last topic included)	x			**B2** (bonus): due in W9
W7	L12	Mon 18/10	Intro to Methods		x	Chapter 6	*Practice on W5 (loops)* **E5**: no need to submit **A5:** due in W8 **P2**: due in W8 Midterm #1 review with TAs
	L13	Wed 20/10	Methods overloading, Variable Scope, call stacks Debugging in Eclipse	x			
W8	L14	Mon 25/10	1D Arrays, *Loops*: for-each		x	Sect. 7.1-7.9 Sect. 7.12	*Practice on W7 (methods)* **E6**: no need to submit **A6**: due in W9
	L15	Wed 27/10	Primitive vs. reference types arrays and methods, Predefined class: Arrays	x			
W9	L16	Mon 1/11	*Q/A session (bring your questions to zoom session)*		x		*Practice on W8 (1D arrays):* **E7**: no need to submit **A7**: due in W11 **P3**: due in W11
	L17	Wed 3/11	Multidimensional arrays	x		Chapter 8	
W10		Mon 8/11	**No class – Remembrance Day + Midterm break**				**No Labs during this week**
		Wed 10/11					
W11	L18	Mon 15/11	OOP – part A (intro)		x	Sect. 9.1-9.6	*Practice on W9 (n-D arrays):* **E8**: no need to submit **A8**: due in W13 **B3** (tentative, bonus): due in W11
	L19	Wed 17/11	Revision for Midterm Exam #2 (in-person and recorded video)	x			
W12	**	Mon 22/11	*Q/A session (bring your questions to zoom session)*		x		**P4**: due in W13 **P5** (bonus): due in W13
	L20	Wed 24/11	**Midterm Exam #2, in-class.** ("Multidimensional arrays" is last topic included)	x			
W13	L21	Mon 29/11	OOP – part B (constructors, garbage collection, visibility modifiers, encapsulation, 'this')		x	Sect. 9.7-9.9	*Practice on W9 (OOP):* **E9**: no need to submit **A9**: due on **Tue, Dec 6** Midterm #2 review with TAs
	L22	Wed 1/12	OOP – part C ('static', passing Objects to methods, array of objects)	x		Sect. 9.10, 9.11, 9.13, 9.14	
W14	L23	Mon 6/12	Inheritance (tentative)		x	Sect. 11.1-11.6	**Revision:** TAs will be available to answer your questions.
	L24	Wed 8/12	**Final Revision**	x			

Class time

Lectures will involve, besides explaining course materials, working on design examples and in-class exercises. Class attendance and taking notes are expected, and students are responsible for all material covered in class. You are also expected to respect the other members of the class as well as the instructor. Inappropriate class behavior is not allowed (e.g., talking on cell phones, engaging in non-class activities, sleeping, use disrespectful language, etc.).

Course Discussion Forum

The course discussion forum is used for exchanging ideas, asking questions, and receiving answers related to the course from other students. If you don't understand something, you may ask on the forum so that everyone can benefit from the answer. If you are not clear about an answer that was given, don't create a new thread. Just add a reply to the original thread asking for clarification.

In all cases, a respectful and academic atmosphere must be maintained. You should not post private information on the discussion forum. You must not share answers to assignments with anyone, on the forum, or anywhere else.

Communication

Email is the best way of communication; you can use my email above. You can also see me outside the office hours if my door is open and I have time to meet with you. However, to guarantee I can spend time with you, email for an appointment. For a prompt response, **put your course number in the subject of the email** (i.e., COSC121: subject).

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Student Resources

Disability Assistance: The Disability Resource Centre ensures educational equity for students with disabilities, injuries or illness. If you are disabled, have an injury or illness and require academic accommodations to meet the course objectives, visit our website for more information: http://students.ok.ubc.ca/drc/welcome.html or contact the DRC at: drc.questions@ubc.ca

Online Tutoring: Students should look to find a tutor who supports their subject matter at a time that suits them, and then must click on the 'online tutoring' button above the schedule for immediate online access to a tutor via Collaborate Ultra. https://students.ok.ubc.ca/academic-success/learning-hub/math-science-tutoring/

Equity, Human Rights, Discrimination and Harassment: UBC Okanagan is a place where every student, staff and faculty member should be able to study and work in an environment that is free from human rights based discrimination and harassment. If you require assistance related to an issue of equity, discrimination or harassment, please contact the Equity Office, your administrative head of unit, and/or your unit's equity representative.
UBC Okanagan Equity Advisor: ph. 250-807-9291; E-mail: equity.ubco@ubc.ca; Web: equity.ok.ubc.ca

Health & Wellness: At UBC Okanagan health services to students are provided by Health and Wellness. Nurses, physicians and counsellors provide health care and counselling related to physical health, emotional/mental health and sexual/reproductive health concerns. As well, health promotion, education and research activities are provided to the campus community. If you require assistance with your health, please contact Health and Wellness for more information or to book an appointment.
UNC 337; Email: *healthwellness.okanagan@ubc.ca* ; Web: www.students.ok.ubc.ca/health-wellness

Sexual Violence Prevention and Response Office (SVPRO): A safe and confidential place for UBC students, staff and faculty who have experienced sexual violence regardless of when or where it took place. Just want to talk? We are here to listen and help you explore your options. We can help you find a safe place to stay, explain your reporting options (UBC or police), accompany you to the hospital, or support you with academic accommodations. You have the right to choose what happens next. We support your decision, whatever you decide. Visit svpro.ok.ubc.ca or call us at 250.807.9640

Independent Investigations Office (IIO): If you or someone you know has experienced sexual assault or some other form of sexual misconduct by a UBC community member and you want the Independent Investigations Office (IIO) at UBC to investigate, please contact the **IIO**. Investigations are conducted in a trauma informed, confidential and respectful manner in accordance with the principles of procedural fairness. You can report your experience directly to the **IIO** via email: director.of.investigations@ubc.ca or by calling 604.827.2060 or online by visiting investigationsoffice.ubc.ca

The Hub: The Student Learning Hub (LIB 237) is your go-to resource for free math, science, writing, and language learning support. The Hub welcomes undergraduate students from all disciplines and year levels to access a range of supports that include **tutoring in math, sciences, languages, and writing, as well as help with study skills and learning strategies**. For more information, please visit the Hub's website (students.ok.ubc.ca/student-learning-hub) or call 250-807-9185.

SAFEWALK: Don't want to walk alone at night? Not too sure how to get somewhere on campus? **Call Safewalk at 250-807-8076.** For more information: security.ok.ubc.ca/safewalk/ or download the UBC SAFE – Okanagan app.

Ombuds Office: The Ombuds Office offers independent, impartial, and confidential support to students in navigating UBC policies, processes, and resources, as well as guidance in resolving concerns related to fairness. **UNC 227B;** 250.807.9818; email: *ombuds.office.ok@ubc.ca*; web: ombudsoffice.ubc.ca/ubc-okanagan-2