UNIVERSITY OF GUELPH
School of Computer Science
<u>COURSE OUTLINE</u>

Course Code: CIS*6550	**Course Title:** Privacy, Compliance, and Human Aspects of Cybersecurity		**Date of Offering:** Fall 2023
Instructor*: Dr. Rozita Dara		**Office:** **Email:** **Office hours:** **Office hours location:**	Reynolds BLDG, room 3311 drozita@uoguelph.ca Tuesdays, 10-11am 150 research lane, Suite 120L
Graduate Teaching Assistant: Sonal Allana		**Email:** **Office hours:**	sallana@uoguelph.ca Fridays, 12:30-1:30pm

Calendar Description:
This course provides an in-depth view of the privacy, regulatory, and ethical issues surrounding cybersecurity. It covers methods of mitigating/treating privacy risks associated with emerging technologies that collect, manage, and analyze data. This course also examines data protection regulations and compliance strategies.

Topics:
- Informational privacy
- Ethical and moral values
- Privacy regulations and principles
- Artificial Intelligence and privacy
- Privacy threats throughout the data lifecycle
- Privacy enhancing technologies
- Human aspects of privacy and cybersecurity
- Privacy management best practices

Class Schedule:
- Tuesdays, 11:30AM - 2:20PM
- Classes will be held face to face.
- Location: 150 research lane, Suite 120L (MCTI Program Lecture room)

Recommended Texts:

Reading materials will be provided throughout the semester.

Method of Evaluation:

Class activity	= 15%
Two Quizzes (2x10%)	= 20%
Assignment	= 15%
Project	= 50%

Website: Check the CourseLink System for course information and resources:
(https://courselink.uoguelph.ca/ using your University of Guelph Central Login Account username and password.)

Course Learning Outcome

Upon successful completion of this course, students will have:

1. Gained an understanding of ethical and privacy challenges, regulatory requirements, and compliance issues
2. Gained a foundational understanding of privacy and data protection regulations and practices in Canada and in the global level
3. Learned about privacy threats in the data lifecycle phases and mitigations strategies
4. Learned about best practices and procedures to satisfy regulatory requirements on privacy and compliance management
5. Learned about privacy enhancing technologies and solution
6. Learned about pragmatic approaches for protecting privacy

Important Dates

- **First day of class:** Tuesday, September 12, 2023
- **Last day of class**: Thursday, November 30, 2023
- **Fall Study Break (no classes scheduled)**: October 10, 2023
    - This class will be rescheduled on **November 30, 2023**
- **In-class Quizzes**: Quiz #1 is scheduled on **October 3, 2023** and Quiz #2 is scheduled on **October 31, 2023.**

** Students must participate in class discussions and activities to get the full class participation grade.

Class Rules

- In the absence of Academic Consideration (http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml), late assignments receive a grade of zero (i.e. hand it what you have got when the assignment is due). If written documentation of extenuating circumstances is provided, then marking criteria or relative weighting may be adjusted.
- If you have concerns about your grades, you must bring your concern to the instructor's attention **within one week** of receiving the grade. The best way to do this is to speak with the instructor before/after the lecture or during the office hours.
- Presentations that are made in relation to course work - including lectures - cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or a guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.
- You should not redistribute recorded interactive discussions that involve your classmates. This includes advising times and question and answer sessions with the instructor.
- Online activities such as question and answer sessions, and interactive lectures may be recorded by the instructor and posted to Courselink. By taking this course you are agreeing that your participation in

these activities can be used in this manner. If you do not wish to have your image or voice recorded as part of these activities then either do not take this course or do not ask verbal questions during these activities.

- A reliable internet connection that is sufficient for online learning is necessary for this course. If you do not have a sufficiently fast and reliable internet connection then you may not be able to view or download lectures or other course material. It may also not be possible to attend online advising with teaching assistants or the instructor.
- This course is offered in the Eastern Standard Time zone (EST). While taking this course then you may be required to attend online activities such as advising times or labs between 9:00 and 4:30 EST.
- Under special circumstances, lectures or office hours may be held virtually. You will be informed about the change in the format of the lectures or office hours in advance and appropriate arrangements will be made for the students to participate in the online activities.
- Keep copies of assignments which you have submitted. You may be asked to resubmit assignments at a later time.

Standard Policy Statements

E-mail Communication: As per university regulations, all students are required to check their <mail.uoguelph.ca.> e-mail account regularly: e-mail is the official route of communication between the University and its students.

When You Cannot Meet a Course Requirement: When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course instructor (or a designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. See the undergraduate calendar for information on regulations and procedures for Academic Consideration: http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml

Accessibility: The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect for individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment. Students requiring service or accommodation, whether due to an identified, ongoing disability or a short-term disability should contact the Students Accessibility Service as soon as possible.

For more information, contact SAS at 519-824-4120 ext. 56208 or email csd@uoguelph.ca or see the website: http://www.uoguelph.ca/csd/

Academic Misconduct: The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant to a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for

verifying the academic integrity of their work before submitting it. Students who are in doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

The Academic Misconduct Policy is detailed in the Undergraduate Calendar: http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml

Recording of Materials: Presentations which are made in relation to course work—including lectures— cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate or a guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

Resources: The Academic Calendars are the source of information about the University of Guelph's procedures, policies and regulations which apply to undergraduate, graduate and diploma programs: http://www.uoguelph.ca/registrar/calendars/index.cfm?index

Other Policies
- For religious matters, please refer to: https://www.uoguelph.ca/hreo/
- The students are encouraged to participate in the faculty and course evaluation provided by the department.

Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings, changes in classroom protocols, and academic schedules. Any such changes will be announced via CourseLink and/or class email.

This includes on-campus scheduling during the semester, mid-terms and final examination schedules. All University-wide decisions will be posted on the COVID-19 website (https://news.uoguelph.ca/2019-novel-coronavirus-information/) and circulated by email.

7.10 Illness

Medical notes will not normally be required for singular instances of academic consideration, although students may be required to provide supporting documentation for multiple missed assessments or when involving a large part of a course (e.g.. final exam or major assignment).

7.11 For information on current safety protocols, follow these links: https://news.uoguelph.ca/return-to-campuses/how-u-of-g-is-preparing-for-your-safe-return/

https://news.uoguelph.ca/return-to-campuses/spaces/#ClassroomSpaces

Please note that these guidelines may be updated as required in response to evolving University, Public Health or government directives.