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INTRODUCTION

Welcome to the School of Computer Science at the University of Windsor. This orientation booklet will tell you about the people, resources and services available to you as an active student. We hope that your stay with the School is a memorable and enjoyable one. Remember, you get out what you put in – so relax, focus and have a good time here!

GENERAL INFORMATION

The main office – csinfo@uwindsor.ca (Lambton Tower Room 5114). MAIN CONTACT DURING COVID-19 DAYS – PLEASE USE E-MAIL OR MICROSOFT TEAMS (staff listed below).

Bookmark this link http://www.cs.uwindsor.ca where you can find important information about programs, courses, faculty and our online resources.

TIME MANAGEMENT & SUCCESS

Set your priorities. This education is your investment for your future. It will be your full-time or part-time occupation for the next few years. Explain this to your family and friends. Concentrate on your studies and on computer science and technology wherever possible. You will find a rich and rewarding experience here that will set you up for future success, only if you have the proper mindset of listening, learning, communicating, programming and understanding with a positive attitude. The road to success is paved in hard work!

SUPPORT STAFF

Name	Ext.	Lamb Room		
Undergraduate Progra	m Secretary	1	_	
Palmer, Tina	2991	5114	csinfo@uwindsor.ca	
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Secretary to the Director

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Office Coordinator			
Garabon, Margaret	3714	5108	garabon@uwindsor.ca

TECHNICAL STAFF

Name	Ext.	Room	E-mail
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Systems Analyst			
Mavrinac, Robert	4410	3103A	mavrinac@uwindsor.ca
Systems Programmer			
Sanjay Chitte	3006	3103B	sanjay@uwindsor.ca
PROFESSORS			

Faculty members in Computer Science are easy to find and welcome your discussions. Office hours are times that professors set aside for consultations in their office. Times/locations are noted on course outlines and Blackboard Learn.

Name	Ext.	Room E-mail
Director	2990	5116LT csdir@uwindsor.ca
Dr. Imran Ahmad	3715	8112LT imran@cs.uwindsor.ca
Dr. Dima Alhadidi	3771	5107LT alhadidi@uwindsor.ca
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LIMITED-TERM FACULTY

Dr. Abedalrhman Alkhateeb	4395	136AEH alkhatee@uwindsor.ca
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Dr. Aznam Yacoub	3781	8114LT aznam@uwindsor.ca

CS COMPUTER ACCOUNTS

All Computer Science students will be given an account on the main servers during the first week of classes. **You must have a valid and working UWin ID before your Computer Science accounts become active (see below).** Normally, these accounts will remain active until you leave the School. Nevertheless, it is always a good idea to make personal back-ups of your files at the end of every semester.

For issues related to **your CS computer account**:

accounts@cs.uwindsor.ca

For undergraduate inquiries: csinfo@uwindsor.ca

UWIN ID AND PASSWORD

You must have a valid and working UWin ID before your Computer Science accounts become active.

ITS will create a UWin ID and password for you at the time of registration. If you have problems with your UWin ID, visit the ITS Helpdesk on the first floor of the University Computer Centre.

For issues related to your UWin, other non-CS campus accounts, etc., submit a ticket at: https://www.uwindsor.ca/itservices/support or visit https://www.uwindsor.ca/its (519) 253-3000 ext. 4440.

COMPUTER SCIENCE RESOURCES

THE MYWEB SERVER

All computer science students have access to a Direct Admin virtual hosting server for building Web sites and using @cs.uwindsor.ca email addresses. The MyWeb server allows you to create multiple domains, create and manage MySQL databases, create @cs.uwindsor.ca mailboxes and easily install and maintain Web applications (such as WordPress) using Installatron.

Before you can use the MyWeb service, you must visit http://cs.uwindsor.ca/password and enter your UWinID and password to create your virtual hosting account. Once that is done, you will have a domain named userid.myweb.cs.uwindsor.ca, and an email address userid@cs.uwindsor.ca. Information on using this system can be found at https://help.cs.uwindsor.ca/en/top/welcome/.

OWNCLOUD.CS.UWINDSOR.CA – FILE SYNC AND SHARE SERVICE

The School of Computer Science also runs a private cloud server that you can use to store and share files. You can access your storage through the web at owncloud.cs.uwindsor.ca.

The ownCloud client can be downloaded from owncloud.org and is available for Windows, Mac and Linux. Apps for Android and iOS are available through Google Play or the App Store.

For a complete list of available programs (GitLab, Videoconferencing, etc.) including tutorial videos on the Computer Science systems, visit the Web site at https://help.cs.uwindsor.ca/en/top/welcome/.

COMPUTER SCIENCE LABORATORIES (non-COVID times)

The School operates four general purpose labs for undergraduate students. Each lab will have operating hours posted on the door, and will accommodate between 24 – 40 users.

- 3119 Erie Hall (thin clients used for teaching).
- 3150 Erie Hall (thin clients and group tables)
 CS Commons is open for students from 9:00 am to 10:00 pm
 Monday through Friday.
- 3107 Lambton Tower (PC Lab) houses 24 high—end graphics development workstations. A CSPCI domain password is required and it can be enabled by visiting cs.uwindsor.ca/password
- 305 Leddy Library West (thin client terminals) located in the West Leddy Library. This lab is used mostly for classes.

Please be considerate of others when using the shared computing labs:

- The laboratories are a group environment where you can access the Computer Science systems quickly and with the full programming environment.
- Dispose of gum, wrappers and papers in the waste baskets provided.
- Please keep communication to a whisper level in the labs. While some students may enjoy discussing assignments and course

- work, others may be there just to program and work independently.
- If you are an independent worker, you may consider wearing personal audio equipment.
- Never eat, drink or smoke in the labs. You will be asked to leave.
- Refrain from touching the screens. Fingerprints and smudges are annoying and it will lead to damage on the LCD flat panel displays.
- The CS Commons (room 3150 Erie Hall) is sometimes booked for special events. The other labs may be reserved at certain times for certain classes. Schedules will be posted on the doors.
- The telephones in the labs are not public phones so do not use them for personal use.

A suite of servers provides applications, remote desktop and file storage services for Linux and Windows clients. Detailed instructions will be given to you during your lab components

In addition to the main Linux servers, the School runs other systems to handle: Oracle database and application services; network security; special Web sites; media services; grid-based computing; cloud storage (file sync-and-share servers), and PC support services. You can enable and reset your passwords on these systems when needed by visiting cs.uwindsor.ca/password.

The *main server* systems (alpha, bravo, charlie), are accessible through a window system or terminal interface (command line) window. A thin client connects to a server and provides a window interface to Linux. Do not confuse this with Microsoft Windows. If you are connecting to the Linux systems from a Microsoft Windows machine, you will run a program that will display the Linux windows inside of a single Microsoft Window. Use a thin client workstation when you can, you won't get confused and the performance will be much faster. A Computer Science terminal will always prompt you for your UWin ID username and password.

REMOTE SERVER CONNECTIONS

You can access the main servers from off campus using either:

- NoMachine player (remote desktop)
- A secure shell client (ssh)

The ssh program will provide you with a text-only terminal interface to a server. You can issue commands to manipulate your files, read your mail, and run and debug your computer programs. The ssh server also will support tunneling.

The NoMachine player can be downloaded from nomachine.com. Connect to nx.cs.uwindsor.ca to access a full remote desktop from your PC or Mac. If you have problems connecting from off-campus, make sure that you have selected SSH as the protocol for your connection. The NoMachine player also supports file sharing between your device and the remote server.

INFORMATION TECHNOLOGY SERVICES (ITS)

Information Technology Services (ITS) is a campus-wide department that provides computing resources to all students and staff at the University of Windsor. You can use ITS labs just like another student on campus and you are encouraged to use them for simple word processing, reading your email, and other non-programming uses. These labs have longer extended open hours than CS labs.

You can connect to the main servers through an X Window program on PC's in the ITS lab. Also, ITS provides more facilities for printing files.

WIRELESS NETWORKING

Wireless networking for student use is available over two networks. The School of Computer Science, namely the 3rd, 5th and 8th floors of Lambton Tower and Erie Hall, as well as parts of Essex Hall are covered by the Computer Science 802.11 b/g/n wireless network with the network name of **cs.uwindsor.ca**. The connection is secure and you will need to login with your CS PC domain username and password. The connection certificate is signed by the Geotrust Global CA, and protected through the EAP/TLS mechanism.

Before you can access the cs.uwindsor.ca network you must visit the Web site **cs.uwindsor.ca/password** to setup your CS domain account. You need to visit this site again if you change your UWin password.

The Computer Science wireless network is more "open" than the campus wireless network, and your device will be assigned a public, routable IP

address. In other words, your device will not be behind a NAT router, so you can develop and test server programs on your mobile PC.

The entire UWindsor campus are covered by the ITS wireless network. Visit the ITS site at www.uwindsor.ca/wireless, for current information.

COURSES AND PROGRAMS OF STUDY

You have already registered for a particular *program* of study, such as Bachelor of Computer Science—Honours. The University <u>online calendar</u> is the official guide that lists the courses necessary and the regulations which must be followed to achieve the degree. You will take a set of courses **in a particular sequence** since many courses are based on material from their prerequisite courses. **It is extremely important** that you follow the recommended sequencing as not all courses are offered each semester. See the <u>Registration Guide</u> for helpful information.

We recommend meeting with an advisor once per term (once per year bare minimum). If you have questions or concerns about your course scheduling or program of study, you should request to see a CS academic advisor. Appointments are made through the secretaries in 5114 Lambton Tower; by phone at 519-253-3000 ext. 2991 or csinfo@uwindsor.ca.

ACADEMIC ADVISORS

Name	Lambton Room #
Dr. Imran Ahmad – Undergrad Program Chair	8112
Dr. Christie Ezeife	5105
Dr. Arunita Jaekel	5109
Dr. Jianguo Lu	5111
Dr. Peter Tsin - Undergrad Program Assoc. Chai	r 8117
Dr. Dan Wu	8116

TEACHING ASSISTANTS AND GRADUATE ASSISTANTS

In large classes, additional people are assigned to: grade assignments, tests and quizzes; lead group tutorials (labs); and answer course related questions. The instructor will announce the names and office hours of the assistants within the first two weeks of classes. It is your

responsibility to seek out help, when you need it, from the assistants and the professors. You are encouraged to seek advice when you are having academic problems as early as possible. Don't wait until after you fail a test to be asking questions! Your grade is more likely to be higher, if you ask questions (and get answers) before the exam.

TUTORING

Free tutoring is available in Eric Hall 3146 for all CS students through the Blackboard Learn site – Current CS Students Organization. The School hires a few of our best students to assist you in better understanding your curriculum. Schedules will be posted outside the labs and on the CS website

https://www.uwindsor.ca/science/computerscience/ under the "Academic Planning and Resources" gateway.

The schedule for tutors and teaching assistants can be accessed on-line at **tutor.cs.uwindsor.ca**

The students of Computer Science have two Facebook groups called "Compsci Kool Kats" and "CS Women of UWindsor". These groups were created by the students, for the students. Current and past students use these forums to discuss issues such as difficulties with course material; course selection; job opportunities; new technologies; social events and more. To join these groups, send a request to the group and the administrators will accept.

COURSE OUTLINES

In every course, a course outline (or syllabus) will be provided to all students during the first two weeks of classes (and must not be changed after the first two weeks). It is your right as a student to receive a course outline that contains: information about test dates; grading procedure; office hours and possibly an extended course description. Keep this document handy throughout the semester. Outlines are available on the course websites.

ASSIGNMENT ADVICE

• Start your assignments as soon as you can. Don't wait until the last minute and pull an all-nighter.

- The programming systems could fail or become overloaded during the night before the assignment due-date. You will not have a sympathetic reception to your "the system was slow the night before" excuse.
- If there is a severe disruption to the computer or network service, or a continental power failure, the professor may give the entire class an extension. Don't count on this. Extensions are not mandated and each course has a different policy regarding this – consult the course outline for details.
- Do not fall behind with assignments. Sometimes assignments are dependent on previous assignments. It is your responsibility to follow the course at the proper pace.
- Read the Web sites/Blackboard Learn for announcements and buy a personal calendar or use a PDA to keep track of your assignment deadlines and test dates.

PROGRAMMING LANGUAGES

In the Computer Science programs you will be exposed to a variety of computer languages. Every language has its benefits, but use of a particular language in some circumstances is not efficient. We hope that you will realize this as part of your studies.

The best advice for learning a new computer language is: Practice! Think of each language as a different tool for problem solving and learn to appreciate the different tools and recognize the right opportunities for using them. The CS servers are equipped with various language compilers and development tools. You should use your spare time to learn these tools and practice writing codes as much as possible.

LECTURE CONDUCT

Lectures are typically two times per week, and usually last 80 minutes. Night classes are offered once per week and start at 7:00 p.m. and run until 9:50 p.m. For the best results, we provide the following as advice to make your lecture experience most enjoyable:

- Arrive a few minutes early and choose a seat near the front of the class so that you can see the presentation and hear the instructor well.
- Attend class regularly so that you can take advantage of questions and answers. Remember, material presented in

- lectures may be used as test and exam material even if it is not in the textbook.
- Ask questions when appropriate. If you don't quite understand something, and suspect others in the class need clarification as well, ask! The professor may choose to take your question at the end of the class, or refer you to the teaching assistant.
- Resist the urge to chat with friends during lectures. It is both disrespectful to the instructor and impedes on the ability of others in the class to pay attention.
- If you are annoyed by someone talking during lecture, be assertive and quietly and discreetly, ask them to be quiet during or after the lecture.
- Visit the professor or teaching assistant during their office hours.
 That is when they are expecting you and your course-related questions.
- Turn off your mobile phones and pagers or set them to vibrate. If you must take a call during a lecture or lab, quickly and quietly leave the room and take the call in the corridor.
- Laptops are allowed as long as they are used in a course/academic manner. No gaming, gambling, instant messaging or any other non-academic use will be tolerated.

Online Learning Resources: https://future.uwindsor.ca/uwin-online#what-is-online-learning

GRADING POLICIES

Grading procedures at the University of Windsor are now standardized and all instructors in all courses will use a common grading scheme. Some professors may allow for make-up tests while others may not. It is always safe to ask the professor if you anticipate personal problems that may hinder your completion of assignments and tests before the due date. It is easier to get an extension before a due date rather than attempting to rectify the problem after the fact. Policies regarding missed assignments and tests vary from professor to professor and procedures will be in your course outline.

ACADEMIC INTEGRITY (CHEATING)

Under NO circumstances is copying the work of others and putting your name on it acceptable. Changing a few words or variable names is also

considered cheating (or plagiarism). This is your education and the individually assigned work and exercises are for you from which to learn. Copying of assignments will lead to lower test grades, less understanding of the course material and problems in your future courses or employment. You may save time now but you will pay for it later. In order to maintain the integrity of the university degree, students who are caught cheating on their work will have the matter referred to the

are caught cheating on their work will have the matter referred to the Dean of Students for further proceedings. Academic Integrity Web Site: http://www.uwindsor.ca/aio.

EVALUATING THE INSTRUCTORS

During the last two weeks of each course during the course time slot, students are given the opportunity to evaluate the course and the instructor through the administration of Student Evaluation of Teaching forms (SETs). These results are extremely important and are used by the School and the University administration to make decisions regarding appointments, promotions and contract renewals. The results of these past evaluations are available for you to view at the SIS Web site, www.uwindsor.ca/sis, under the heading SOST and SET. Please ensure to complete these evaluations for each of your courses.

UNDERGRADUATE RESEARCH OPPORTUNITIES

Many of our faculty support undergraduate research. Through research, undergraduate students may be eligible for various grants and awards, including the Undergraduate Student Research Award (through NSERC), Computing Research Awards, and Outstanding Scholar Awards, and could result in publication. Through collaborative work with peer students and development of a mentoring relationship between student and professor, the student has a strong advantage and a beneficial head start.

ICPC COMPUTER PROGRAMMING COMPETITION

ACM is an international computer organization that holds local and regional programming contests. During a contest, you receive 4 to 6 challenges and have 3 to 5 hours to code them using either Java, C, or C++. This competition is open to all registered full-time

undergraduates. Information can be found on the CS Web site. E-mail csinfo@uwindsor.ca if you are interested in participating in ACM practice sessions. **Get involved!**

WOMEN IN COMPUTER SCIENCE

The School of Computer Science is committed to recruiting and retaining more women into our programs. We offer workshops targeting young women in grade school and high school; entrance scholarships; studentled groups; and a Facebook group dedicated to females – CS Women of UWindsor. Get involved! We are always looking for mentors.

THE COMPUTER SCIENCE SOCIETY

The Computer Science Society (CSS) is a student group composed of all the full time undergraduate Computer Science students, with the aim of providing social and academic activities to its members. Elections for 1st year representatives are typically held in September. Get involved!

The Computer Science Society organizes and sponsors on-going movie and games nights where the students sit back and relax while getting to know each other. We are looking forward to even more events this year with both social and academic backgrounds.

Want your voice to be heard? Our executives are here to hear your complaints, concerns and ideas. Learn more about our executives this year at http://css.uwindsor.ca We will also be planning a general meeting for all students to attend in the coming weeks. At our general meetings you can talk directly to our executives about issues that matter to you.

If you are an accomplished organizer, or wish to gain leadership and representative experience, you are encouraged to participate in the governance of the University and represent student interests on the various committees and boards on campus. Elections for School of Computer Science Council representatives take place in the latter half of September.

CYBERLANCERS/WICYS

<u>Women in CyberSecurity Student Chapter</u> provides opportunities for learn and get hands on experience in cybersecurity. Our goal is to

spread awareness about cybersecurity in Windsor-Essex. Join hands with us in creating a diverse cybersecurity workforce by participating in our various activities such as learning series, workshops, mentorships, industry connections, competitions and community meetups. All are welcome.

STUDENT SERVICES

We recognize that this a major time of change in your life, and a complete change of your daily environment. We encourage you to balance your academic work with personal developments such as exercise, socializing, meditation and relaxation. In case you do have problems with your adjustment, seek information and help from the various services on campus that are here to help you.

The <u>Student Success Centre</u> located in Dillon Hall, offers various resources and programs to assist you in your studies.

The <u>Student Counseling Centre</u> can assist students who need short-term or long-term crisis counseling. The SCC is located in Room 293 on the second floor of the CAW Student Centre. (519) 252-3000 ext. 4616.

The campus police emergency number can be reached from any phone on campus by dialing extension 4444 or by using one of the blue emergency call boxes on campus. It should be used for emergencies only. The non-emergency extension for campus police is 1234.

ERGONOMICS

Since you will be using computers and keyboards for an extended period of time, we strongly recommend that you pay attention to your physical posture when using computers. Keep your spine in neutral and avoid collapsing your shoulders, rounding your back and moving your chin forward. Keep your wrists straight and in line with your arms and use a soft touch on your keyboard and mouse. Don't sit in the same position for long periods of time, and take a break often to stretch and walk around. Perhaps get a drink of water to stay hydrated, and relax your eyes by focusing on objects of varying distance.

Regular exercise will benefit your health. We encourage you to make use of the facilities such as the St. Denis Centre which is available to you as a University of Windsor student. Of course, you should consult with a health professional in case problems arise.

UNIVERSITY BYLAWS

The Senate of the University of Windsor upholds a set of bylaws which govern the structure and administration of the University. This document is available online at http://www.uwindsor.ca/secretariat/ under the Bylaws section.

Bylaw 3A describes student representation on school councils and other university bodies. Bylaw 31 deals with student rights, grade appeals and codes of conduct. Bylaws 54 (Undergraduate) and 55 (Graduate) outline examination procedures, course regulations, assignment and test dates.



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LinkedIn: Computer Science UWindsor

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