**Course Description**

This course provides an introduction to the basic concepts of computer programming and program design. It is intended for students who have interest in learning basic programming skills including those who intend to study Computer Science. **This course assumes no previous programming background.**

Programming skills will be developed using the Java programming language. Course topics include objects, object oriented design, variables, modularity, primitive types, classes, and problem solving techniques. A multimedia approach will be taken in examining these topics, through the use of images and video.

**Course Prerequisites**

There are no prerequisites to CS1026. However, programming experience is an asset.

**Course Instructor**

James Alexander Hughes
jhughe54 <at> uwo.ca
Office: MC27E
Consulting room: MC300

**Course Schedule**

<table>
<thead>
<tr>
<th>Lecture Section</th>
<th>Room</th>
<th>Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>SSC-2032</td>
<td>Tu. 7:00pm -10:00pm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Th. 7:00pm -10:00pm</td>
</tr>
</tbody>
</table>

For lab times, see the online timetable at [https://studentservices.uwo.ca/secure/Timetables/mastertt/ttindex.cfm](https://studentservices.uwo.ca/secure/Timetables/mastertt/ttindex.cfm)

**Course Materials**

**Textbooks**

**Required:** The textbook required for this course is available for purchase from the University Bookstore on campus. The textbook is:

Lecture Notes

Course lecture notes will be made available in PDF format on the course website (OWL) on a regular basis. They are provided as a courtesy by the course instructor. Possessing (and even reading) these notes is not a suitable substitute for attending lectures.

Other Course Material

Additional course material including laboratory exercises, examples, etc. will also be available on the course website (OWL) on a regular basis.

Course Website

The CS1026a website is accessible through OWL: https://owl.uwo.ca/portal. Announcements, assignments, labs, lecture notes, and other course-related information will be posted on this website. It is the responsibility of the student to check this website often.

TA Consulting Schedule

Teaching Assistants and their consulting hours for CS1026 will be posted on the course website and announced once the information is available to the instructors.

Computing Facilities

Each student enrolled in CS1026 will be given an account on the Computer Science Department First Year Network. By using your CS1026 account, you agree to abide by the Rules of Ethical Conduct established by the Department of Computer Science.

Labs

The purpose of the labs is to give students guided, hands-on experience with Java programming. It is expected that students will come prepared to the labs by reading the lab instructions. Lab instructions will be available on the CS1026 course website in advance, and students must bring a printed copy to the lab.

- **Labs begin May 12**th
- Labs are mandatory. Each completed lab is worth 1% of your final grade (to a maximum of 10%).
- There will be 11 labs; your lab mark will be based on your best 10 lab performances.
- You must attend the lab session for which you are registered;
- There are no make-up labs, and students who are absent for a lab **do not** have the option of attending another lab; however, students who encounter serious health or other personal difficulties are encouraged to contact their Dean's office.
- Students must bring their UWO identification to all labs.
Assignments

Assignment submission:

- Instructions for the submission of assignments will be posted on the course website. It is each student’s responsibility to read and follow the instructions. Failure to follow the submission instructions may result in the assignment receiving a mark of zero.
- You will be required to submit each programming assignment electronically. Details will be given in the assignment descriptions. We reserve the right to use similarity detection software to detect possible cheating cases.

Assignment due dates:

- The date and exact time assignments are due will be given in the assignment specifications.
- The late penalty for assignments is 10% per day late, for a maximum of 2 days, after which assignments will not be marked. Weekends count as one day of lateness.
- No extensions will be given for assignments; however, if a student has serious medical or compassionate grounds, they should take supporting documentation to the Office of the Dean of their faculty and their instructor will be contacted.

Assignment marking:

- Assignments are marked by the Teaching Assistants, who follow marking schemes provided by instructors.
- A request for adjustment in an assignment mark must be made within 2 weeks of the date on which it was first available after marking. (Beyond that date, regrading will not be considered, regardless of whether you retrieved your assignment.) Such a request must be submitted to the course instructor in writing, and must include specific reasons why you believe you deserve more marks. The request must be accompanied by all materials that were originally handed in, as well as the original marker’s grade summary sheet. The instructor will inform you by email when the reevaluation process is complete.
- It is each student’s responsibility to keep up-to-date backups of assignment disk files in case of system crashes or inadvertently erased files. Students must keep disk copies of all material submitted, as well as the actual graded assignment, to guard against the possibility of errors in recording marks. It is not safe to discard these materials until you are satisfied that your final mark for the course has been computed properly.

Exams

- There is a midterm exam and a final exam. Both exams are closed book. No reference materials, calculators or other electronic devices are allowed.
- Students must bring their UWO identification to the exams.
- There will be no makeup midterm exam, except for students requesting a special midterm exam for University recognized reasons. These students must have notified the course instructor and filed documentation with their Dean’s Office at least 2 weeks prior to the midterm exam. If there are other serious medical or compassionate grounds for missing the midterm exam, please take supporting documentation to the office of the Dean of your faculty, who will contact the instructor. In such cases, the weight of your midterm exam will be shifted to the final exam, which would then be worth 55% of your final overall grade.
- The final exam is scheduled by the Office of the Registrar during the final exam period. Students are advised not to make travel plans until they have consulted the final exam schedule.
- Computer-marked multiple-choice exams may be screened for similarity by software that checks for unusual coincidences in answer patterns that may indicate cheating.
## Student Evaluation (tentative dates)

<table>
<thead>
<tr>
<th>Element</th>
<th>Weight</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labs</td>
<td>10%</td>
<td>Weekly throughout the term</td>
</tr>
<tr>
<td>Assignment 1</td>
<td>10%</td>
<td>May 28 (11:55pm)</td>
</tr>
<tr>
<td>Assignment 2</td>
<td>10%</td>
<td>June 4 (11:55pm)</td>
</tr>
<tr>
<td>Assignment 3</td>
<td>15%</td>
<td>June 11 (11:55pm)</td>
</tr>
<tr>
<td>Mid-Term</td>
<td>20%</td>
<td>2 hours; May 28</td>
</tr>
<tr>
<td>Final</td>
<td>35%</td>
<td>3 hours; TBD</td>
</tr>
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</table>

If for any reason the assignment schedule given cannot be adhered to, the assignment marks will be prorated. (The assignments are worth 35% of the overall mark for the course. If an assignment has to be cancelled for any reason, the remaining assignment weights will be prorated to add up to 45%.)

**IMPORTANT NOTE:** To be eligible to receive a passing grade in the course, your mark on the final exam must be at least 40%, and your weighted average on the assignments must be at least 40%. Otherwise, the maximum overall mark you can receive is 45%. To be eligible to receive a grade of 60% or higher, your mark on the final exam must be at least 50%, and your weighted average on the assignments must be at least 50%. Otherwise, the maximum overall mark you can receive is 58%.

### Email Contact

We may need to send email messages to the whole class or to students individually. **Email will be sent to the UWO email address assigned to students by Information Technology Services (ITS) (user_name@uwo.ca).** It is the responsibility of the student to read this email on a regular basis. You may wish to have mail forwarded to an alternative email address. See the [ITS website](http://www.uwo.ca) for instructions on forwarding email.

Note that UWO and most other email providers establish quotas or limits on the amount of space available to you. If you let your email accumulate there, your mailbox may fill up and you may lose important email from your instructors. Losing email is not an acceptable excuse for not knowing about the information that was sent.

Students are encouraged to contact their course instructor via email with brief, email appropriate questions regarding lecture materials or clarification of assignments. However, before sending email to an instructor, the student should check the course website to see if the requested information is already there. Students must send email from their UWO ITS account and include CS1026 in the subject line of the email.

### Academic Accommodation for Medical Illness or Distress and Support Services

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to your Dean's office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. In the event of a missed final exam, a "Recommendation of Special Examination" form must be obtained from the Dean's Office immediately. For further information please see: [http://www.uwo.ca/univsec/handbook/appeals/medical.pdf](http://www.uwo.ca/univsec/handbook/appeals/medical.pdf).

A student requiring academic accommodation due to illness should use the Student Medical Certificate when visiting an off-campus medical facility or request a Record's Release Form (located in the Dean's...
Office) for visits to Student Health Services. The form can be found here: https://studentservices.uwo.ca/secure/medical_document.pdf.

Learning-skills counsellors at the Student Development Centre (http://www.sdc.uwo.ca) are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counseling.

Students who are in emotional/mental distress should refer to Mental Health@Western (http://www.health.uwo.ca/mental_health) for a complete list of options about how to obtain help.

Additional student-run support services are offered by the USC, http://westernusc.ca/services.

The website for Registrarial Services is http://www.registrar.uwo.ca.

Accessibility Statement

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 661-2111 x 82147 for any specific question regarding an accommodation.

Course, Department, University Policies on Ethical Conduct

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf.

- Plagiarism: Students must write their assignments (or essays) in their own words. Whenever students take an idea or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see the Scholastic Offence Policy in the Western Academic Calendar).
- Your assignments must be your own individual work, not the products of group effort. You may discuss approaches to problems with other students, but the work you submit (programming code, answers to concept questions, etc) must be an individual effort.
- With each assignment, you are required to confirm that the material you have submitted is exclusively your own work and that you understand the course policies concerning plagiarism and individual effort. You are responsible for reading and respecting the departmental policies on Scholastic Offences and Rules of Ethical Conduct. The University of Western Ontario uses software for plagiarism checking.
- The standard departmental policy for assignments that are judged to be the product of academic dishonesty is, for the student's first offence, a mark of zero for the assignment, with an additional penalty equal to the weight of the assignment also being applied to the overall grade.
- The role of tutoring is to help students understand course material. Tutors should not write assignments or take-home tests for the students who hire them. Submitting an assignment that contains material written by a tutor is an academic offence. Having employed the same tutor as another student is not a legitimate defense against an accusation of collusion, should two students hand in assignments judged similar beyond the possibility of coincidence.