



Calendar description: Explore foundational topics in astronomy, biology, chemistry, computer science, earth science, mathematics, and physics through an integrated questions-based approach. Small-group interactions and interdisciplinary laboratory experiments are designed to foster teamwork, interdisciplinary thinking, and the development problem-solving and critical-thinking skills.

Extra information: 131e, Physics 1029A/B, and the former Physics 1302A/B; Biology 1002B; Mathematics 1225A/B; Calculus 1301A/B and Calculus 1501A/B; Computer Science 1026A/B; Data Science 1200A/B.

Unless you have either the prerequisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.



Broadly speaking, a student receiving credit for the course will be expected to reliably demonstrate competence in their ability to:

- 1. Communicate scientific thoughts and ideas both verbally and in writing.
- 2. Obtain, evaluate, and integrate information from various sources, and determine its relevance.
- 3. Analyze and critically assess problems, and take a systematic approach to solving them.
- 4. Use a variety of laboratory equipment and instrumentation.
- 5. Safely execute a variety of experimental procedures and explain the theory behind them.
- 6. Form productive and collaborative working relationships with other individuals.
- 7. Prioritize a set of tasks and manage the use of their time.



Classes take place at the times and locations specified below.

Mon and Fri	9.30-11:30	PAB 106
Wed	9.30-12:30	PAB 106
Tue and Thu	9.30-12:30	PAB 148

Contact information for the course personnel:

Gurpaul Kochhar	MSA 1201	gkochhar@uwo.ca
Adrienne Larocque	BGS 1000E	alaroc2@uwo.ca
Felix Lee (course coordinator)	MSA 1202	flee32@uwo.ca



Quizzes, midterm tests, and exams are listed below.

- In-class Math quiz on Friday, February 3
- In-class Computer Science quiz on Wednesday, February 15
- In-class midterm tests
 - Chemistry on Tuesday, February 28
 - Biology and Earth Sciences on Wednesday, March 1
 - Math on Thursday, March 2
 - Physics and Astronomy on Friday, March 3
- In-class Math quiz on Thursday, March 30
- In-class Computer Science quiz on Wednesday, April 5
- Four 3.0-hour cumulative final exams to be scheduled by the Registrar during the April exam period. The four exams are Biology, Math, Chemistry, and Physics, and they will be at the same time as the exams for Bio 1002B, Calc 1301B, Chem 1302B, and Physics 1202B, respectively. These times will *not* appear on your exam schedule, so we will provide more

	Lab 9: Circuits	Physics	3
	Tutorial: Math	Math	0.5
6	Assignment: Comp Sci		

Feb 13

10

Mar 20



Audience response systems (“clickers”) may be used to collect information during class. The data collected using the devices will not be used for research purposes without your consent.

Aside from the specified calculator, no other electronic devices (phones, iPods, etc.) may be in your possession during tests and exams, even for timekeeping purposes. They may not be at your test/exam desk or in your pocket. Any student found in possession of these prohibited devices will receive a failing grade on the exam.

For students who are registered with Accessible Education, and whose reason for missing a course component is related to a disability that is on file, please contact Accessible Education. They will then contact us to confirm the course component that you have missed. No further action is necessary, and there is no need to contact the Academic Counselling unit or Dean's Office of your home faculty or affiliated college.

For students who are not registered with Accessible Education, or who are registered with Accessible Education but whose reason for missing the course component is not related to the disability on file, requests for academic consideration must be made through the Academic Counselling unit or Dean's Office of your home faculty or affiliated college regardless of the circumstances or the value of the missed work.

If you are a Science student, the Academic Counselling unit of the Faculty of Science is located in NCB 280, and can be contacted at 519-661-3040 or through the ticketing system on their website:
<https://www.uwo.ca/sci/counselling/>

Students should note that individual instructors are not permitted to receive documentation directly from a student, whether in support of an application for consideration on medical grounds, or for other reasons.

For more information, please consult Western's policy on academic consideration for absences:
https://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_illness.pdf

[https://www.uwo.ca/univsec/h...sd](https://www.uwo.ca/univsec/h...)

Most students find that the tutorials are an incredible opportunity to learn and work together as a team. On the rare occasion that you are unable to attend a tutorial, it is not necessary to obtain academic consideration from Academic Counselling. You must, however, contact the instructor and explain your circumstances without divulging information that you deem private.

For participation-based tutorials where there is a submission at the end of the tutorial, you will be given the participation mark. Graded tutorials will be reweighted within the same subject.

Please obtain academic consideration from Academic Counselling.

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