

COURSE INFO



COURSE DIRECTOR

Prof. Tihana Mirkovic
tihanam@yorku.ca
CB 358
Office Hours: M: 13:30-15:30
or by appointment

LAB COORDINATOR

Michelle Barton
mebarton@yorku.ca
CB 322

TECHNICAL STAFF

Ha B. Au (Physical/Inorganic)
nebula@yorku.ca
LSB 229

Olga Girina (Organic)
orgina@yorku.ca
CB 306

TEACHING ASSISTANTS

TBD



CLASS / TUTORIAL MEETINGS

Monday 18:00 – 19:00 in RN 203



LAB MEETINGS

Six laboratory hours per week are scheduled across two days. Please review the section and individual group assignments in the Student Group document.

SECTIONS A1 AND A2

Monday and Wednesday
14:30 – 17:30

SECTIONS B1 AND B2

Tuesday and Thursday
14:30 – 17:30

CHEM 3000

EXPERIMENTAL CHEMISTRY I

COURSE

A laboratory course in organic, inorganic and physical chemistry, covering numerous laboratory techniques, spectroscopic analysis, basic instruction in data handling, use of the literature, formal report writing and delivery of formal presentations.

PREREQUISITES: SC/CHEM 2020 6.00 or SC/CHEM 2021 3.00, SC/CHEM 2030 3.00, SC/CHEM 2080 4.00. Prerequisite or Co-requisite: SC/CHEM 2011 3.00.

COURSE CREDIT EXCLUSIONS: SC/CHEM 3011 4.00, SC/CHEM 3020 4.00, SC/CHEM 3030 4.0.

COURSE CONTENT

- Basic instructions on analytical data handling
- Data interpretation and analysis
- Formal scientific report writing skills
- Searching the chemical literature e.g. Scifinder, Reaxys
- Advanced chemistry techniques involved in the laboratories will be covered including IR, UV-VIS, NMR and etc.
- Selected topics relevant to your lab theories will be discussed

GRADING SCHEME

ORGANIC	40 %
INORGANIC	30 %
PHYSICAL	30 %

FINAL GRADES

Faculty of Science approved letter grades

NOTE: Numerical grades are only guides for assigning of final grades. The Course director retains the prerogative on how to use numerical grades to assign letter grades. Exam and laboratory marks are made available to students; however, a final numerical mark is not disclosed to the student.

NOTES ON LAB

Attendance at all laboratory sessions is mandatory. Absences will result in a grade of zero for any particular lab, unless for a justifiable reason (e.g. illness, family emergency, traffic accident, religious accommodations and etc.). Appropriate documentation (doctor's note, traffic report, etc.) should be provided to the course director only within THREE working days. Hard copy of the lab report will be due at 2:30pm on the **7th day** of the completion of the experiment. In case of a public holiday, an electronic copy will be submitted on due date and a hard copy can be submitted the following day. For a late lab report submission, proper documentation e.g. the doctor's note should be submitted to the course director within THREE working days or else a 10% penalty per day will be applied on the lab report and a zero grade will be awarded on the lab report portion after the 3rd day. Electronic copy of your lab report should be submitted to Moodle Turnitin and submission due date will be the same as the hard copy. A penalty of 10% per day will also be applied in case of a late submission as stated above.

UNIVERSITY POLICIES

Students are required to make themselves aware of school policies relating to Academic Honesty and Integrity, Access, Religious Accommodation, Student Conduct and other matters.

A summary of these policies can be accessed at

<http://www.yorku.ca/secretariat/senate/committees/ascp/documents/CourseInformationForStudentsAugust2012.pdf>

A list of religiously significant dates is also maintained by the registrar's office

www.registrar.yorku.ca/enrol/dates/religious.htm

ADDITIONAL NOTE

Numerous students in Faculty of Science courses have been charged with academic misconduct when materials they uploaded to third party repository sites (e.g. Course Hero, One Class, etc.) were taken and used by unknown students in later offerings of the course. The Faculty's Committee on Examinations and Academic Standards (CEAS) found in these cases that the burden of proof in a charge of aiding and abetting had been met, since the uploading students had been found in all cases to be willfully blind to the reasonable likelihood of supporting plagiarism in this manner. Accordingly, to avoid this risk, students are urged not to upload their work to these sites. Whenever a student submits work obtained through Course Hero or One Class, the submitting student will be charged with plagiarism and the uploading student will be charged with aiding and abetting.

Note also that exams, tests, and other assignments are the copyrighted works of the professor assigning them, whether copyright is overtly claimed or not (i.e. whether the © is used or not). Scanning these documents constitutes copying, which is a breach of Canadian copyright law, and the breach is aggravated when scans are shared or uploaded to third party repository sites.