

Earth Sciences Field Camp (ES2250Y) – 2018 Course Outline

Instructor

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Corequisite

Earth Sciences 2200A/B and registration in a module or program where Earth Sciences 2250Y is mandatory; or registration in an Earth Sciences Minor and a minimum mark of 60% in Earth Sciences 2200A/B.

Unless you have either the requisites for this course or written special permission from your Academic Counselor 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.

Course Format and Marking Scheme

This course takes place from **May 1-11** near the village of Whitefish Falls, which is on the north shore of Lake Huron, approximately 25 km south of Espanola. If a student misses the departure of the vans, fails to be present for any of the days of instruction (including the departure and return days), or fails to participate, marks will be deducted from the student's final grade. The amount deducted will be determined by the course instructor(s) but could range up to 10% per day.

Stratigraphic Section 10%

Cross-bedding exercise 10%

Geophysical mapping 10%

Traverse 10%

Participation 5%

Final Exam 30%

Map(s) 25%

Learning Outcomes

Upon successful completion of this course, students will be able to:

- Draft a detailed stratigraphic section through clastic or carbonate strata;
- Measure cross-beds in ancient rocks using a geological compass;
- Traverse through the bush using a compass and pacing;
- Identify key sedimentary, igneous and metamorphic rock types in the field;
- Draft a geological map using mainly satellite imagery;
- Determine lithological contacts using a field portable magnetometer

Course Website: Students should check OWL (<http://owl.uwo.ca>) on a regular basis for news and updates. This is the primary method by which information will be disseminated to all students in the class. Students are responsible for checking OWL on a regular basis.

Conduct: Students are encouraged to review the Code of Student Conduct before participating in field trips. The Code defines the general standard of conduct expected of

students and provides examples of sanctions that may be imposed under the Code. The Code of Student Conduct can be found at: <http://www.uwo.ca/univsec/board/code.pdf>

Statement on academic offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf.

Link to policy on Accommodation for Illness

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_illness.pdf

(which includes a link to the Student Medical Certificate)

* 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.

Link to the policy on Accommodation for Students with Disabilities

www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_disabilities.pdf

Link to the policy on Accommodation for Religious Holidays

www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_religious.pdf

Mental Health: Students who are in emotional/mental distress should refer to Mental Health@Western <http://www.uwo.ca/uwocom/mentalhealth/> for a complete list of options about how to obtain help.

Rights and Responsibilities: All students are required to have taken Rights and Responsibilities Training **prior** to participating in this field course. For more information, contact Jen Heidenheim at jheidenh@uwo.ca.

Safety Training: All students are required to have taken Safety Training **prior** to participating in this field course. For more information, contact the course instructor.