

I. COURSE DESCRIPTION:

This course is composed of activities making up a week of field training. Most of the class time will be spent carrying out field activities that are part of the course NRT302, Field Investigative Techniques. Students will camp out for four nights in a back country location within the Algoma Headwaters signature site. They will demonstrate proficiency in organizing and using personal camping and cooking equipment, conducting scientific surveys and working in a team environment.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, the student will demonstrate the ability to:

1. Pack and use personal camping and cooking equipment

Potential Elements of the Performance:

- Pack clothes, sleeping bag, tent and food for a four day back country camping trip
- Prepare personal meals to feed themselves for four days in a remote setting
- Erect and sleep in a tent over a four day period in a remote setting

2. Organize and conduct field surveys according to accepted protocols

Potential Elements of the Performance:

- Conduct an evaluation of a White pine old growth ecosystem and summarize survey information
- Lay out a 4 to 6 kilometer long interpretive trail which includes 8 to 10 stops where features have been described
- Lay out a Free to Grow regeneration survey using maps and aerial photos and carry out the field portion of the survey in this block.
- Carry out a Black bear habitat suitability survey in a forest area to which your crew has been assigned.
- Correctly classify forest ecosystems according to ecosite and vegetation type.

3. Perform in a group environment.

Potential Elements of the Performance:

- Show an ability to cooperate, work effectively with others in a small group and share in work which must be done
- Carry out field surveys and summarize results in an assigned group
- Be on time and 'ready to go' before scheduled departure times
- Act courteously and respect the rights of others throughout the four day trip

III. TOPICS:

1. Old growth ecosystem inventory
2. Interpretive Trail Layout
3. Well spaced free growing regeneration assessment
4. Black bear habitat suitability survey
5. Forest ecosystem classification

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Camping and cooking equipment are the responsibility of the students. You must also supply your food for the trip. Adequate raingear, clothing, hiking boots and personal protective equipment (boots, reflective vests, hard hats) are essential.

Learning materials required:

- Field guide to forest Ecosystems of Central Ontario
- Forest Plants of Central Ontario
- IRM Field Camp Project Information handout package
- Navigational protractor
- Silva Ranger or Suunto MC-1 compass
- Crews of 2 sign out a pack of inventory equipment
- GPS
- Clipboard
- Blank and lined paper

V. EVALUATION PROCESS/GRADING SYSTEM:

The following semester grades will be assigned to students:

S	Satisfactory achievement in field /clinical placement or non-graded subject area.
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.

VI. SPECIAL NOTES:Grading

An **S** or **U** grade will be assigned based on whether the learning objectives and elements of the performance have been met. An evaluation sheet will be completed during and after the trip which will list each of the twelve (12) Elements of Performance. Each performance element will be graded as having been completed in a Satisfactory or Unsatisfactory manner. **U** grades in more than 2 of the Elements of Performance will result in a **U** grade for the course.

Special Needs:

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your professor and/or the Special Needs office. Visit Room E1101 or call Extension 2703 so that support services can be arranged for you.

Retention of Course Outlines:

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other postsecondary institutions.

Communication:

The College considers **WebCT/LMS** as the primary channel of communication for each course. Regularly checking this software platform is critical as it will keep you directly connected with faculty and current course information. Success in this course may be directly related to your willingness to take advantage of the **Learning Management System** communication tool.

Plagiarism:

Students should refer to the definition of “academic dishonesty” in *Student Code of Conduct*. Students who engage in academic dishonesty will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

Course Outline Amendments:

The professor reserves the right to change the information contained in this course outline depending on the needs of the learner and the availability of resources.

Substitute course information is available in the Registrar's office.

VII. PRIOR LEARNING ASSESSMENT:

Students who wish to apply for advance credit transfer (advanced standing) should obtain an Application for Advance Credit from the program coordinator (or the course coordinator regarding a general education transfer request) or academic assistant. Students will be required to provide an unofficial transcript and course outline related to the course in question.

Credit for prior learning will also be given upon successful completion of a challenge exam or portfolio.