

COURSE CODE/TITLE Mathematics 1130 — Math Skills for Native Access Students I — Fall 2012

INSTRUCTOR Susan Girardin

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OFFICE HOURS Open: Please make appointments by email or in person before/after class

CALENDAR DESCRIPTION

Students are taught the principles of mathematics, both mechanics and applications, in relation to whole numbers, common fractions, ratio and proportion, decimal fractions, per cent, signed numbers, exponents, scientific notation, and simple algebraic expressions. Students will also learn calculator usage. Examples drawn from native art and culture will be incorporated as appropriate, and the students will write and present papers on topics relating mathematics and Aboriginal culture.

REQUIRED TEXT

Aufmann, R. N., & Lockwood, J. S. (2011). *Basic college mathematics: An applied approach - 9th edition*. Belmont, CA: Brooks/Cole.

STUDENT EVALUATION

Attendance and Class Participation	10%
Quizzes	10%
Assignments	15%
Tests	30%
Final Exam	35%

ATTENDANCE and CLASS PARTICIPATION

Active participation is essential for success in the course and attendance is required. Students will be actively involved in problem solving and reasoning during class. Appropriate active participation means that students contribute to the class discussion in a positive way, neither withdrawing from nor dominating the discussion. Many people have had experiences in mathematics classes that were less than ideal and may be sensitive to critique. Students are expected to be courteous and respectful of others during class discussions.

QUIZZES

There will be five (5) short quizzes during class time. Quizzes will be announced ahead of time.

ASSIGNMENTS

Written assignments are to be handed to the instructor at the beginning of class on the date they are due. Ensure that your name, student number, and the title of the assignment are written on the front page. Detailed information about assignments will be given during class.

TESTS and FINAL EXAM

Tests: There will be two (2) tests during the term. Tentative dates are October 18 and November 20.

Final Exam: The final exam covers the entire course and will be written during the final examination period, December 6-17.

Tests must be written on the scheduled date. Only in *exceptional circumstances*, with prior permission or - in the case of illness that precludes prior permission being asked - with a doctor's note, will a student be allowed to write a test on an alternate date. University academic policy governs the Final Exam with respect to illness. (<http://mycoursecalendar.lakeheadu.ca/pg38.html>)

EMAIL COMMUNICATION WITH INSTRUCTOR

You are welcome to send me an email any time. Please include the course number (Math 1130), your name, and a keyword in the subject line. I check my email daily and will do my best to respond to you within 24-48 hours. Students should also check their Lakehead University email regularly.

COURSE AND UNIVERSITY POLICIES

Cell phones, personal digital assistants (PDAs), and other handheld devices may be distracting for students if used during class. Please do not use these devices in class for personal communication (whether checking voice mail, reading or sending text messages, or making conventional telephone calls); it is professionally unacceptable in the context of a class or while a formal presentation is in progress. Please mute or power off your PDAs during classes, presentations, tests, and exams. In addition, since digital image capturing devices in cameras, cell phones, and PDAs have the potential to be used in a manner that violates the privacy of instructors and students, I ask that photographs be taken only with the prior permission of the person(s) to be photographed.

I anticipate that our interactions in this course are based on mutual trust and integrity. When preparing a composition or presentation, you may be using help and information gained from others. You need to acknowledge this help and information by citing your sources. Lakehead University's Academic Dishonesty policy (see below) also applies to our Assignments, Quizzes, Tests and the Final Exam in the following ways:

Students need to do their own work. Copying from someone else's work is an act of academic dishonesty. Facilitating an act of academic dishonesty (i.e. letting someone copy your work) is also a violation of the policy. Students are encouraged to work together in class on a regular basis and to discuss strategies and reasoning. However, the Quizzes, Tests, and the Final Exam must be completed individually.

Please take this policy seriously. Repeated violations of academic integrity can have severe consequences. If you need clarification of the policy, you are welcome to talk to me about it.

Academic Dishonesty

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced.

A copy of the "Code of Student Behaviour and Disciplinary Procedures" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar or online at <http://policies.lakeheadu.ca/policy.php?pid=60>

The following rules shall govern the treatment of candidates who have been found guilty of attempting to obtain academic credit dishonestly.

- a. The minimum penalty for a candidate found guilty of plagiarism, or of cheating on any part of a course will be a zero for the work concerned.
- b. A candidate found guilty of cheating on a formal examination or a test, or of serious or repeated plagiarism, or of unofficially obtaining a copy of an examination paper before the examination is scheduled to be written, will receive zero for the course and may be expelled from the University.

Students disciplined under the Code of Student Behaviour and Disciplinary Procedures may appeal their case through the Judicial Panel.

Note: "Plagiarism" shall be deemed to include:

1. Plagiarism of ideas as where an idea of an author or speaker is incorporated into the body of an assignment as though it were the writer's idea, i.e., no credit is given the person through referencing or footnoting or endnoting.
2. Plagiarism of words occurs when phrases, sentences, tables or illustrations of an author or speaker are incorporated into the body of a writer's own, i.e., no quotations or indentations (depending on the format followed) are present but referencing or footnoting or endnoting is given.
3. Plagiarism of ideas and words as where words and an idea(s) of an author or speaker are incorporated into the body of a written assignment as though they were the writer's own words and ideas, i.e., no quotations or indentations (depending on format followed) are present and no referencing or footnoting or endnoting is given.