

COURSE CODE/TITLE: Mathematics 1136 WA – Math for NNEP Students II

INSTRUCTOR INFORMATION

Instructor: Susan Girardin

Contact: sgirardi@lakeheadu.ca

I check my email daily and will do my best to respond to you within 24 hours. Students should also check their Lakehead University email regularly.

Phone messages can be left for me with Lori Fleming, NNEP Administrative Assistant at the NNEP Office (807) 343-8446.

CALENDAR DESCRIPTION

Continues on from Mathematics 1135. Topics include: calculator usage; exponents; scientific notation; solving equations; formula manipulation; and descriptive statistics, including graphs and measures of central tendency.

COURSE DESCRIPTION

Students will review calculator skills and learn basic algebra, statistics, and graphing which will enable them to apply this knowledge in solving problems in the health field.

COURSE TOOLS & MATERIALS

1. Textbook: Aufmann, R.N. and Lockwood, J.S. (2011, 2009) Basic College Mathematics: An Applied Approach - 9th ed. Belmont, CA: Brooks/Cole.
2. Calculator: Sharp EL 531X
3. Ruler
4. Protractor
5. Compass

COURSE TOPICS

Algebra I:

- a) Introduction
- b) Signed Numbers and Calculator Usage
- c) Exponents
- d) Scientific Notation

Algebra II:

- a) Variable Expressions
- b) Solving Equations
- c) Formula Manipulation

d) Applications

Statistics:

- a) Graphs
- b) Measures of Central Tendency

STUDENT EVALUATION

| | |
|-----------------------------------|------|
| Test #1 Algebra I | 20% |
| Test #2 Algebra II | 20% |
| Test #3 Statistics | 20% |
| Final Exam (covers entire course) | 40% |
| | 100% |

Notes:

All dates for Tests as well as the topics for each class are contained in Calendar at a Glance document. If you have any concerns, please contact me.

Attendance is an expectation.

Tests must be written on the scheduled date. If, due to *extenuating circumstances*, you are unable to write the test on the assigned date, prior notification must be given to me as to why you are unable to write on that date.

The final exam covers the entire course.

TIPS FOR SUCCESS

- Take responsibility for your learning.
- Attend class.
- Come prepared for class. Bring your notes and textbook.
- Participate in class – ask questions, answer questions, and follow along with problem being done.
- Do your homework before the next class. The course material builds on previous content – you can get lost if you don't keep up with your homework.
- Ask for help (from instructor or classmates).
- Don't be afraid to make mistakes – they're part of the learning process!!

COURSE AND UNIVERSITY POLICIES

Lakehead University's Academic Dishonesty policy (see below) applies to our Tests and the 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 Tests and the Exam must be completed individually.

Please take this 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:

- 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.
- 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.
- 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.