

# Academic Upgrading Placement Info

This handout will help you decide what to review before taking the Academic Upgrading Placement. (Info about the reading and writing assessment is on the back of this page.)

## **Math Assessment (if you plan to take Math, Physics, or Chemistry)**

The math placement test is divided into 5 parts. You may write as many or as few parts as you wish. Calculators are not allowed during the math test, BUT this will be taken into account when assessing your score.

Part 1: whole number operations (multiplication, division, addition, subtraction)

Part 2: decimals, fractions, word problems, percent

Part 3: decimals, fractions, percent, measurement (metric), ratio and proportions

Part 4: roots and powers, manipulation of formulas, basic algebra, basic geometry

Part 5: algebra; factoring; radicals; exponents; graphing; solving linear, simultaneous, and quadratic equations; formulas; functions; and trigonometry.

## **IMPORTANT NOTE:**

If you want to place in MATH 045 (equivalent to Grade 11 Math: Precalculus), you must complete parts 1-4 of the test.

If you want to place in MATH 050 (equivalent to Grade 12 Math: Precalculus), you must complete the entire test.

\*If you feel you need some review of the basics, go to [khanacademy.org](https://www.khanacademy.org), watch the teaching videos on the topics you want to review, and complete the practice exercises. You can also review the “Mathematics” section, p. 747-909, in Barron’s How to Prepare for the GED Test/Canadian Edition (2014), available at the checkout counter in the CNC library.

### **Reading Comprehension Assessment (if you plan to take English or Biology)**

You will read a number of short paragraphs and answer multiple choice questions that check your understanding of what you read and your ability to figure out vocabulary from context.

For practice: Do the "Language Arts Reading Practice Test" from p. 227-465, in Barron's How to Prepare for the GED Test/Canadian Edition (2014), available at the checkout counter in the CNC library.

### **Writing Sample (if you plan to take English or Biology)**

If you have not completed Grade 10 English yet: You will write at least one page, double-spaced. Your paragraph should be well organized, with a topic sentence, supporting sentences, and a concluding sentence.

If you have Grade 10 English or higher: You will write a multi-paragraph essay of at least 2 pages, double-spaced. You should focus on organization and development of ideas as well as clear sentence structure and word choice. Do not focus too much on grammar and spelling.

Writing help: <http://lklivingston.tripod.com/essay/basicessay.pdf>

Sample essay: <http://lklivingston.tripod.com/essay/sample.html>

More review: "Chapter 9: Essay" p. 315-335p, in Barron's How to Prepare for the GED Test/Canadian Edition (2014), available at the checkout counter in the CNC library. body text