

# **Math 021: PCMP**

## **(Preparation for College Mathematics Program)**

### **(A two-credit non-degree online course)**

**DESCRIPTION:** The program is designed to prepare students for our Math General Education Courses. Successful completion of the program will enable one to register for MATH 101 (Math with Applications), MATH 104 (Mathematics for the Modern World), MATH 106 (Introduction to Math Modeling), or MATH 108 (Elementary Probability and Statistics).

**TOPICS:** Rational Numbers, Integer Exponents, Algebraic Expressions, Linear Equations and Inequalities, Quadratic Equations (factoring method), Lines, Systems of Equations, Functions, Percents, Radicals, Scientific Notation.

**SUPPORT:** Free tutoring is available at the Math/Science Tutoring Center in G-121.

**EMAIL ACCOUNT:** Students are responsible for keeping their Ramapo College e-mail account active. College and course announcements are sent to those accounts.

**POLICY ON ACADEMIC INTEGRITY:** Students are expected to read and understand Ramapo College's Academic Integrity Policy, which can be found in the College Catalog. Members of the Ramapo College community are expected to be honest and forthright in their academic endeavors. Students who are suspected of violating this policy will be referred to the office of the Provost.

### **The Program**

To successfully complete PCMP a student has to pass six tests and a comprehensive final exam. Prior to attempting tests 2 through 6, a student must have passed its preceding test. One must pass test 6 prior to attempting the final exam.

Each of the six tests consists of 9 questions, at least seven of which must be answered correctly in order to pass the test.

- The final consists of 18 questions, at least fourteen of which must be answered correctly in order to pass the exam, and thereby complete the program.
- Sample tests along with visual presentations of its questions can be accessed at

<http://www.ramapo.edu/tas/faculty/giovanni-viglino/>

The problems on each test are similar to those on the sample test. Consequently:

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| <b>IF ONE <u>UNDERSTAND</u> THE MATERIAL ON THE SAMPLE TESTS, THEN ONE WILL BE ABLE TO PASS EACH TEST, AND THE FINAL EXAM.</b> |
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- Exams will be administered at the testing center. No limit is imposed on the number of times one can attempt to pass any of the exams.

Students have the option of “**unofficially**” taking tests anywhere at any time, with real-time feedback provided. While such exams **do not “count”**, they provide a valuable instructional component to the course.