

EXEMPTION TEST INFORMATION FORM
MATH 1013 – ALGEBRAIC CONCEPTS

A currently enrolled or accepted program student may receive course credit by passing the MATH 1013 exemption examination administered by the Gwinnett Technical College Testing Center. The policy regarding Experiential Credit and Credit by Examination is in the College catalog. **The examination must be completed prior to registration for the class for which the student is seeking credit by examination. Students may not request exemption tests for courses in which they have been enrolled nor may they take an exemption test more than once.**

The student has 2 hours to complete this exam. There are 49 questions.

The MATH 1013 exemption examination will cover these competencies:

1. Solve problems using exponents, roots, and scientific notation.
2. Simplify radicals and use them in arithmetic operations.
3. Use a scientific calculator to perform basic arithmetic operations.
4. Perform operations using signed numbers.
5. Define absolute value and use in calculations.
6. Use signed numbers in application problems.
7. Apply hierarchy of operations to solve mathematical problems requiring multiple operations.
8. Define concept and notation used for variable quantities.
9. Combine like terms.
10. Perform operations on algebraic expressions.
11. Expand expressions with exponents.
12. Factor polynomials.
13. Solve linear equations.
14. Solve quadratic equations by factoring and by use of the quadratic formula.
15. Solve formulas for a designated unknown.
16. Solve applied problems involving linear or quadratic equations.
17. Define the concept of one variable being a function of another.
18. Evaluate linear and quadratic functions.
19. Graph linear and quadratic functions on the rectangular and coordinate system.
20. Solve applied problems using linear and quadratic functions.
21. Solve systems of linear equations with 2 and 3 variables using elimination, substitution, graphing and determinants.

A student needs to score an 80% or higher on the MATH 1013 exemption examination to receive exemption credit.

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By signing this form I am stating I have read and understood the policy regarding the MATH 1013 exemption examination.

I am not enrolled in MATH 1013 neither have I taken the MATH 1013 exemption exam.

Student Signature _____

Date: _____

Exemption exams are available by appointment only. Choose your preferred campus and complete your registration online using the links below:

- **Lawrenceville Campus:** www.registerblast.com/gtc
- **Alpharetta–North Fulton Campus:** www.registerblast.com/gtcnfc

