



Thaddeus Stevens

College of Technology

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College Success – Entrance Exam

Testing Information

The test consists of three sections:

1. Reading
2. Writing
 - a. *Additional section of sentence skills may be required for some applicants.*
3. Math

READING COMPREHENSION

This section measures the ability to understand content in the following areas:

- Identifying main ideas.
- Direct statements/secondary ideas.
- Inferences
- Applications
- Sentence Relationships

This section will consist of a reading passage following by a question based on the text.

The reading passages can also be classified according to the kind of information processing required – including explicit statements related to the main idea, explicit statements related to a secondary idea, application, and inference.

This section will also consist of sentence relationships which present two sentences follow by a question about the relationship between these two sentences.



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WRITING

This section will cover essay structure as applicants will be required to write an essay with a prompt provided.

Applicants should review the following:

- Proper essay structure
- Introduction
- Support paragraphs
- Conclusion

In addition, applicants should be mindful of grammatical errors, run on sentences, etc.

Should an applicant not reach college level within this section, they will be required to take the Sentence Skills section.

SENTENCE SKILLS

This section will measure the understanding of sentence structure which will include how sentences are put together and what makes a sentence complete and clear.

The three broad content areas measured in this section include:

- Recognizing complete sentences
- Coordination/subordination
- Clear sentence logic

***PLEASE NOTE:** not all applicants will have to take this section. Those who do not place within the predetermined college level from the essay section will be required to also take the sentence skills section.*



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MATH

This section can include both arithmetic and algebraic concepts.

The arithmetic concepts will cover:

- Whole numbers and fractions
 - Addition, subtraction, multiplication, division, recognizing fractions and mixed numbers, and estimating.
- Decimals and percents
- Applications and problem solving
 - Rate, percentage, simple geometry problems, and the distribution of a quantity into its fractional parts.

The algebraic concepts will cover:

- Integers and rationals
 - Computation with integers and negative rationals, the use of absolute values and ordering.
- Algebraic expressions
 - Simple formulas and expressions, and adding and subtracting monomials and polynomials, the evaluation of positive rational roots and exponents, simplifying algebraic fractions, and factoring.
- Equations, inequalities, and word problems

GENERAL TESTING INFORMATION

- The test is untimed, but most applicants take between 2-2.5 hours to complete all sections.
- The test is on the computer.
- Scratch paper, writing utensils, and calculators are provided for each tester.
- After completion of the test, applicants will not be aware of their test scores but will be made aware of their next steps in the process.