

TEAS Content Outline for SFCC

Health Science Students

There are 4 categories that are tested on the ATI TEAS test. There are listed as main headings in the outline. You will also find the sub content areas listed with individual objectives for that content.

READING (26% of entire test)

A. Key Ideas and Details (10%)

- i. Summarize a multi-paragraph text
- ii. Make inferences and draw conclusions about a text's purpose and meaning
- iii. Demonstrate comprehension of written directions
- iv. Locate specific information in a text
- v. Analyze, interpret, and apply information from charts, graphs, and other visuals
- vi. Interpret events in a sequence

B. Craft and Structure (6%)

- i. Distinguish between fact and opinion to identify misconceptions and biases
- ii. Interpret the meaning of words and phrases using context
- iii. Evaluate the author's purpose in a given text
- iv. Evaluate the author's point of view or perspective in a given text

C. Integration of Knowledge and Ideas (10%)

- i. Use evidence from the text to make predictions, inferences, and draw conclusions
- ii. Compare and contrast themes expressed in one or more texts
- iii. Evaluate an argument
- iv. Evaluate and integrate data from multiple sources in various formats, including media

ENGLISH AND LANGUAGE USAGE (22% of entire test)

A. Conventions of Standard English (8%)

- i. Use conventions of Standard English spelling
- ii. Use conventions of Standard English punctuation
- iii. Use correct sentence structures

B. Knowledge of Language (7%)

- i. Use grammar to enhance clarity in writing
- ii. Evaluate if language meets the needs of an audience for a provided rhetorical context
- iii. Develop a well-organized paragraph

C. Using Language and Vocabulary To Express Ideas In Writing (7%)

- i. Apply basic knowledge of the elements of the writing process to communicate effectively
- ii. Determine the meaning of words by analyzing word parts

SCIENCE (29% of entire test)

A. Human Anatomy and Physiology (12%)

- i. Demonstrate knowledge of the general orientation of human anatomy
- ii. Describe the anatomy and physiology of the respiratory system
- iii. Describe the anatomy and physiology of the cardiovascular system

- iv. Describe the anatomy and physiology of the digestive system
- v. Describe the anatomy and physiology of the nervous system
- vi. Describe the anatomy and physiology of the muscular system
- vii. Describe the anatomy and physiology of the male and female reproductive system
- viii. Describe the anatomy and physiology of the integumentary system
- ix. Describe the anatomy and physiology of the endocrine system
- x. Describe the anatomy and physiology of the urinary system
- xi. Describe the anatomy and physiology of the immune system
- xii. Describe the anatomy and physiology of the skeletal system

B. Biology (6%)

- i. Describe cell structure, function, and organization
- ii. Describe the relationship between genetic material and the structure of proteins
- iii. Apply concepts underlying Mendel's laws of inheritance
- iv. Describe structure and function of the basic macromolecules in a biological system
- v. Describe the role of microorganisms in disease

C. Chemistry (5%)

- i. Recognize basic atomic structure
- ii. Explain the physical properties and changes of matter
- iii. Describe chemical reactions
- iv. Demonstrate how conditions affect chemical reactions
- v. Understand properties of solutions
- vi. Describe concepts of acids and bases

D. Scientific Reasoning (6%)

- i. Use basic scientific measurements and measurement tools
- ii. Apply logic and evidence to a scientific explanation
- iii. Predict relationships among events, objects, and processes
- iv. Apply the scientific method to interpret a scientific investigation

MATHEMATICS (23% of entire test)

A. Number and Algebra (12%)

- i. Convert among non-negative fractions, decimals, and percentages
- ii. Perform arithmetic operations with rational numbers
- iii. Compare and order rational numbers
- iv. Solve equations in one variable
- v. Solve real-world problems using one-or multi-step operations using real numbers
- vi. Solve real-world problems involving percentages
- vii. Apply estimation strategies and rounding rules to real-world problems
- viii. Solve real-world problems involving proportions
- ix. Solve real-world problems involving ratios and rates of change
- x. Solve real-world situations using expressions, equations, and inequalities

B. Measurement and Data (11%)

- i. Interpret relevant information from tables, charts, and graphs
- ii. Evaluate the information in data sets, tables, charts, and graphs using statistics
- iii. Explain the relationship between two variables
- iv. Calculate geometric quantities
- v. Convert within and between standard and metric systems