ATI TEAS ENTRANCE TEST

The ATI TEAS test is given September through July of each year in the Testing Centers at Weatherford College. Please contact the Weatherford Main Campus Testing Center at 817-598-6383 or the Wise County Campus Testing Center at 940-626-3247 to schedule an appointment for your test. You are allowed to take the test twice within a six-month period and there must be a minimum of one week between test dates. The cost of the test is $70.00 each time you take it.

The *ATI TEAS Study Manual*, version 6 is available from our college bookstore or you may purchase it direct from the publisher @ [www.atitesting.com/lonlinestore](http://www.atitesting.com/lonlinestore)

[www.atitesting.com](http://www.atitesting.com) also offers online practice and focused review preparation.

**Tutorials/Workshops:**

Weatherford College has tutorials for the TEAS in the Academic Support Center on campus. Please check for workshop dates at [www.wc.edu](http://www.wc.edu) → Campus Resources → Instructional Support → Academic Support Center → Accuplacer & TEAS Workshops

**Web Sites:**

[www.math.com](http://www.math.com)→ Pre-algebra & Algebra
[www.purplemath.com](http://www.purplemath.com)
[www.atitesting.com](http://www.atitesting.com)

A free practice test may be found at the following web site:

[www.testprepreview.com/nursing_practice.htm](http://www.testprepreview.com/nursing_practice.htm)
ATI TEAS Preparation

It is strongly recommended that you prepare for the ATI TEAS, so that you give yourself the opportunity to score well, and earn the highest points you can for your scores. The following information is excerpted from ATI—the company who developed, and administers the exam. Among other advice, ATI recommends that you complete the online review of the topics that you miss when taking a practice test. This recommendation should be followed if you have taken the TEAS once, and want to take it again to better your scores. Just like with a practice test, your TEAS results will include a list of topics for you to review based on the questions you miss on the TEAS. To find the TEAS preparation products, go to www.atitesting.com

Excerpts from ATI (atitesting.com)

HOW SHOULD I REVIEW?

TEAS practice products are designed to work together. It is recommended that you take an online TEAS practice test when you are just starting to prepare for the TEAS test. After taking the practice test, you will be provided with a score report that will highlight a list of topics to review based upon your performance on the practice test. These topics will be linked to information sources within the TEAS Study Manual. Then after reviewing those topics, you should take the second version of the TEAS practice test to check for improvement.

What is covered?
Our TEAS practice tests addresses each objective on the exam including Reading, Mathematics, Science and English and Language Usage. It also includes answers and rationale for each question; helping you understand the reason behind each answer.

Practice Test Details:

- 150 questions assessment patterned after the actual TEAS exam
- Designed to give a sense of what to expect both in content and in format
- Ability to take the assessment twice (same set of questions)
- Items accompanied by detailed rationales for correct and incorrect responses
- Available via the internet

TEAS STUDY PACKAGE

The TEAS Study Package includes the printed study guide and our online practice test. These products are designed to work together.

HOW IT WORKS

Evaluation practice test
After taking the online practice test, you will be provided with a score report that will highlight a list of topics to review based upon your performance.

Review of weak subjects
Analyze your score report and focus your review on your weaker subjects. These topics will link to information sources within the Study Manual.

Re-evaluation test
Re-evaluate yourself with a second version of the online practice test. The practice test consists of 150 questions patterned after the actual TEAS exam.

PRODUCTS INCLUDED

TEAS Study Guide
Written to specifically address each objective that could potentially be addressed on the exam.

Each study guide comes with two paper/pencil practice tests with rationales for the correct answer.

TEAS Online Practice Test
The TEAS Package includes two versions of our online practice assessment. Each online assessment has 150 questions and is patterned after the original TEAS exam.

They are an excellent resource that helps determine areas that need improvement.
2016 ATI TEAS Content Outline

TEST NAME: ATI TEAS®

TIME LIMIT: 209 Minutes
- Reading = 64 minutes
- Mathematics = 54 minutes
- Science = 63 minutes
- English = 28 minutes

NUMBER OF SECTIONS: 4

NUMBER OF QUESTIONS: 170

FORMAT: Four-option multiple-choice

PURPOSE: The ATI Test of Essential Academic Skills (ATI TEAS®) measures basic essential skills in the academic content area domains of reading, mathematics, science, and English and language usage. The test is intended for use primarily with adult health science program applicant populations. The objectives assessed on ATI TEAS® are those which health educators deemed most appropriate and relevant to measure entry-level academic readiness of health science program applicants.

<table>
<thead>
<tr>
<th>Content and Subcontent Areas</th>
<th>Number of Scored Questions</th>
<th>Percent of Test Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>READING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key Ideas and Details</td>
<td>22</td>
<td>15%</td>
</tr>
<tr>
<td>Craft &amp; Structure</td>
<td>14</td>
<td>9%</td>
</tr>
<tr>
<td>Integration of Knowledge &amp; Ideas</td>
<td>11</td>
<td>7%</td>
</tr>
<tr>
<td><strong>MATH</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number &amp; Algebra</td>
<td>23</td>
<td>16%</td>
</tr>
<tr>
<td>Measurement &amp; Data</td>
<td>9</td>
<td>6%</td>
</tr>
<tr>
<td><strong>SCIENCE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology</td>
<td>32</td>
<td>21%</td>
</tr>
<tr>
<td>Life &amp; Physical Sciences</td>
<td>8</td>
<td>5%</td>
</tr>
<tr>
<td>Scientific Reasoning</td>
<td>7</td>
<td>5%</td>
</tr>
</tbody>
</table>
ATI TEAS Objectives

The following list contains objectives that may be assessed on the ATI TEAS® Assessment.

Content Area and Objectives

**READING**

<table>
<thead>
<tr>
<th>R.1</th>
<th>Key Ideas and Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.1.1.</td>
<td>Summarize a complex text.</td>
</tr>
<tr>
<td>R.1.2.</td>
<td>Infer the logical conclusion given a reading selection.</td>
</tr>
<tr>
<td>R.1.3.</td>
<td>Identify the topic, main idea, and supporting details.</td>
</tr>
<tr>
<td>R.1.4.</td>
<td>Follow a given set of directions.</td>
</tr>
<tr>
<td>R.1.5.</td>
<td>Identify specific information from a printed communication.</td>
</tr>
<tr>
<td>R.1.6.</td>
<td>Identify information from a graphic representation of information.</td>
</tr>
<tr>
<td>R.1.7.</td>
<td>Recognize events in a sequence.</td>
</tr>
</tbody>
</table>
Content Area and Objectives (continued)

R.2  Craft and Structure

R.2.1. Distinguish between fact and opinion, biases, and stereotypes.

R.2.2. Recognize the structure of texts in various formats.

R.2.3. Interpret the meaning of words and phrases using context.

R.2.4. Determine the denotative meaning of words.

R.2.5. Evaluate the author’s purpose in a given text.

R.2.6. Evaluate the author’s point of view in a given text.

R.2.7. Utilize text features.

R.3  Integration of Knowledge and Ideas

R.3.1. Identify primary sources in various media.

R.3.2. Use evidence from the text to make predictions, inferences, and draw conclusions about a piece of writing.

R.3.3. Compare and contrast themes from print and non-print sources.

R.3.4. Evaluate an argument and its specific claims.

R.3.5. Evaluate and integrate data from multiple sources in various formats including media.

ENGLISH AND LANGUAGE USAGE

E.1  Conventions of Standard English

E.1.1. Use conventions of standard English spelling.

E.1.2. Use conventions of standard English punctuation.

E.1.3. Analyze various sentence structures.

E.2  Knowledge of Language

E.2.1. Use grammar to enhance clarity in writing.

E.2.2. Distinguish between formal and informal language.

E.2.3. Apply basic knowledge of the elements of the writing process.

E.2.4. Develop a well-organized paragraph.
Content Area and Objectives (continued)

**E.3. Vocabulary Acquisition**

E.3.1. Use context clues to determine the meaning of words or phrases.

E.3.2. Determine the meaning of words by analyzing word parts.

**SCIENCE**

S.1 **Human Anatomy and Physiology**

S.1.1. Describe the general anatomy and physiology of a human.

S.1.2. Describe the anatomy and physiology of the respiratory system.

S.1.3 Describe the anatomy and physiology of the cardiovascular system.

S.1.4. Describe the anatomy and physiology of the gastrointestinal system.

S.1.5. Describe the anatomy and physiology of the neuromuscular system.

S.1.6. Describe the anatomy and physiology of the reproductive system.

S.1.7. Describe the anatomy and physiology of the integumentary system.

S.1.8. Describe the anatomy and physiology of the endocrine system.

S.1.9. Describe the anatomy and physiology of the genitourinary system.

S.1.10. Describe the anatomy and physiology of the immune system.

S.1.11. Describe the anatomy and physiology of the skeletal system.

S.2 **Life and Physical Sciences**

S.2.1. Describe the basic macromolecules in a biological system.

S.2.2. Compare and contrast chromosomes, genes, and DNA.

S.2.3. Explain Mendel’s laws of heredity.

S.2.4. Recognize basic atomic structure.

S.2.5. Explain characteristic properties of substances.

S.2.6. Compare and contrast changes in states of matter.

S.2.7. Describe chemical reactions.
Content Area and Objectives (continued)

S.3  Scientific Reasoning

S.3.1. Identify basic scientific measurements using laboratory tools.
S.3.2. Critique a scientific explanation using logic and evidence.
S.3.3. Explain relationships among events, objects, and processes.
S.3.4. Analyze the design of a scientific investigation.

<table>
<thead>
<tr>
<th>M. 1.</th>
<th>Number and Algebra</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.1.1.</td>
<td>Convert among non-negative fractions, decimals, and percents.</td>
</tr>
<tr>
<td>M.1.2.</td>
<td>Perform arithmetic operations with rational numbers.</td>
</tr>
<tr>
<td>M.1.3.</td>
<td>Compare and order rational numbers.</td>
</tr>
<tr>
<td>M.1.4.</td>
<td>Solve equations in one variable.</td>
</tr>
<tr>
<td>M.1.5.</td>
<td>Solve real world one- or multi-step problems with rational numbers.</td>
</tr>
<tr>
<td>M.1.6.</td>
<td>Solve real world problems involving percentages.</td>
</tr>
<tr>
<td>M.1.7.</td>
<td>Apply estimation strategies and rounding rules to real world problems.</td>
</tr>
<tr>
<td>M.1.8.</td>
<td>Solve real world problems involving proportions.</td>
</tr>
<tr>
<td>M.1.9.</td>
<td>Solve real world problems involving ratios and rates of change.</td>
</tr>
<tr>
<td>M.1.10.</td>
<td>Translate phrases and sentences into expressions, equations, and inequalities.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M.2.</th>
<th>Measurement and Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.2.1.</td>
<td>Interpret relevant information from tables, charts, and graphs.</td>
</tr>
<tr>
<td>M.2.2.</td>
<td>Evaluate the information in tables, charts, and graphs using statistics.</td>
</tr>
<tr>
<td>M.2.3.</td>
<td>Explain the relationship between two variables.</td>
</tr>
<tr>
<td>M.2.4.</td>
<td>Calculate geometric quantities</td>
</tr>
<tr>
<td>M.2.5.</td>
<td>Convert within and between standard and metric systems.</td>
</tr>
</tbody>
</table>
Reading Sample Questions

The 2,315-mile Missouri River tops this year’s list of the “10 Most Endangered Rivers in North America,” compiled annually by the conservation group American Rivers. The “Big Muddy” has been dammed, channeled, and diked to the point that one-fifth of the species native to the river and its floodplain are now classified as endangered, threatened, or of special concern, according to American Rivers. The other nine rivers on the list are New York’s Upper Hudson, Washington’s White Salmon, California’s San Joaquin, Wisconsin’s Wolf River, Arizona’s Pinto Creek and Potomac, Ohio’s Mill Creek, the Lower Colorado and the Tennessee River.

The next two questions are based on the passage above.

1. Which of the following may be concluded from the passage?
   a. Wolf River is located in Washington, DC.
   b. Bodies of water with “creek” in their names are not rivers.
   c. The damming, diking, and channeling of a river is detrimental to the organisms that inhabit it.
   d. The rivers of North America have been found to be more endangered than those of South America.

2. A conservation group organizes for which of the following principal purposes?
   a. Collecting data for scientific research
   b. Saving rain forests
   c. Channeling rivers
   d. Preserving nature

Mathematics Sample Questions

3. Thirty percent of the students in a mathematics class received an “A.” If 18 students received an “A,” which of the following represents the number of students in the class?
   a. 18
   b. 30
   c. 54
   d. 60

4. A student earns $1,280.50 each month at a part-time job. The student pays the following amounts for expenses each month:

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent</td>
<td>$350.00</td>
</tr>
<tr>
<td>Food</td>
<td>$320.00</td>
</tr>
<tr>
<td>Utilities</td>
<td>$215.60</td>
</tr>
<tr>
<td>Car expenses</td>
<td>$240.00</td>
</tr>
</tbody>
</table>

After paying the monthly expenses listed above, which of the following represents the amount of money the student has left for other expenses?
   a. $106.70
   b. $154.90
   c. $1,075.60
   d. $1,125.60
Science Sample Questions

5. Which of the following is part of the large intestine?
   a. Duodenum
   b. Rectum
   c. Ileum
   d. Jejunum

6. Which of the following is improved when repeated trials of an experiment have consistent results?
   a. Reliability
   b. Validity
   c. Independent variables
   d. Dependent variables

English and Language Usage Sample Questions

7. The doctor said, “I ______ the patient yesterday.” Which of the following correctly completes the sentence above?
   a. see
   b. saw
   c. seen
   d. have seen

8. The president truncated the address due to a lack of time. Which word is a synonym for truncated?
   a. Practiced
   b. Misplaced
   c. Shortened
   d. Regretted

Solutions to Sample Questions

<table>
<thead>
<tr>
<th>Question</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>2</td>
<td>D</td>
</tr>
<tr>
<td>3</td>
<td>D</td>
</tr>
<tr>
<td>4</td>
<td>B</td>
</tr>
<tr>
<td>5</td>
<td>B</td>
</tr>
<tr>
<td>6</td>
<td>A</td>
</tr>
<tr>
<td>7</td>
<td>B</td>
</tr>
<tr>
<td>8</td>
<td>C</td>
</tr>
</tbody>
</table>