

HESI PREP GUIDE- RAD

The HESI A2 is an entrance exam for the Radiography Program at Virginia Western Community College. You will be tested on the following areas:

Reading Comprehension, Grammar, Vocabulary, Math, and Critical Thinking. The purpose of this guide is to provide resources and tips to help you be prepared to take this important test and bring you closer to your goal of becoming a Radiographer!



*Mountainland Technical College

*Many materials for HESI A2 have more information than what our specific version of the exam focuses on. For study purposes, you will want to focus on the sections outlined in this guide.

Overall Resources

Free Practice Tests

- [Mometrix Practice Test](#)
- [HESI A2 Practice Test by Subject](#)
- [Test Prep Review](#)
- [Smart Edition Practice Test](#)

\$ Books with Practice Tests \$

- [Elsevier Assessment Book](#)
- [Smart Edition HESI A2 Book](#)

\$ Courses \$

- [Mometrix Course](#)
- [Smart Edition HESI A2 Prep Course](#)

Reading Comprehension

For this section, students must be able to:

- Find meanings of word in context
- Comprehend details
- Draw basic inferences
- Identify the purpose of a passage

Reading Resources:

- [Test Prep Review- Reading Practice Test](#)
- [Lumen Learning- Main Ideas and Supporting Details](#)
- [Khan Academy- Using Context Clues to Figure Out New Words](#)
- [McGraw Hill- Fact and Opinion Exercise](#)
- [Lumen Learning- Making Inferences](#)

Math

The test measures the candidate's ability to apply mathematical principles to the following areas:

- Basic addition, subtraction, multiplication, and division
- Decimals
- Fractions
- Ratios and proportions
- Household measures
- General math facts

Math Resources:

- [VWCC Self Evaluation- RAD](#)
 - [VWCC- Self Evaluation for Math Answer Key](#)
- [Germannanna- Order of Operations and Signed Numbers](#)
- [Germannanna- Divisibility Rules](#)
- [Germannanna- Squares, Cubes, and Their Roots](#)
- [Germannanna- Radicals and Fractional Exponents](#)
- [Germannanna- Introduction to Fractions](#)
- [Germannanna- Decimals, Fractions, and Percents](#)
- [Germannanna- Metric Conversions](#)
- [Germannanna- Resources for Reviewing Basic Math Skills](#)
- [Germannanna- Introduction to Word Problems](#)
- [Pre-Algebra Tutorials](#)
- [Khan Academy- Algebra Basics](#)

Grammar and Vocabulary

For these sections, the student will be tested on:

- Vocabulary commonly used in English speaking settings and in healthcare fields
- Parts of Speech
- Important terms and their uses
- Common grammatical errors

Grammar and Vocabulary Resources:

- [Germanna- Comma Rules](#)
- [Germanna- Verb Tenses](#)
- [Germanna- Guide to English Grammar](#)
- [Germanna- Helpful Resources for ESL Nursing Students](#)
- [Mometrix English Language Usage Practice](#)
- [Khan Academy- Grammar](#)
- [Germanna Community College- Guide to Common Medical Terminology](#)
- [Germanna Community College- Helpful Resources for ESL Nursing Students](#)
- [Wisc-Online Game Based Learning- Medical Terminology Hangmoon](#)
- [Wisc-Online Game Based Learning- Med Term Trivia](#)

Critical Thinking

This score measures your ability to think critically, which is an essential skill in Nursing. While you can't actively prepare for this section, you can develop strategies to work on this skill for the test and beyond!

Critical Thinking Resources:

- [Pearson- Critical Thinking and Clinical Reasoning](#)
- [Khan Academy- Scientific Method](#)
- [Critical Thinking Workbook](#)

Test-Taking Skills

Learning the art of test-taking is another challenge in and of itself. Going in with confidence and freshness is ESSENTIAL for this test. You have made it this far in your journey to be a nurse and we want you to be as prepared as possible for this next step. Below are some resources to help you develop these skills further.

Online Resources:

- [Harvard- Test taking Tips](#)
- [Wichita State University- Test Taking](#)
- [Oregon State University- Less Stress](#)
 - [Improve Performance](#)

Virginia Western Resources

- [Brown Library- Smart Studying Info Guide](#)
- ESL Coaching/Academic Success Coaching, Brown Library 1st Floor
Hours: Tuesday & Thursday: 9:30 AM – 2:30 PM; Wednesday: 2 – 7 PM
- [Brainfuse- Tile on MYVWCC](#)