

# uCertify

## Course Outline

**2023 / 2024 ASVAB For Everyone**



20 May 2024

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3. Exercises, Quizzes, Flashcards & Glossary  
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6. State of the Art Educator Tools
7. Award Winning Learning Platform (LMS)
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Chapter 7: Mathematics Knowledge and Operations  
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Videos and How To

## 9. Practice Test

Here's what you get

Features

## 1. Course Objective

The 2023 / 2024 ASVAB For Everyone course offers a valuable opportunity to assess your strengths and areas for improvement across a range of essential skills and knowledge domains. The course is designed to prepare you for success in the Armed Services Vocational Aptitude Battery (ASVAB) examination. Whether you're aiming to join the military or simply seeking to expand your academic and career opportunities, this course will provide you with the tools and knowledge you need to excel. The course covers the areas like General Science, Arithmetic Reasoning, Word Knowledge, Paragraph Comprehension, Mathematics Knowledge, Electronics Information, Auto and Shop Information and Mechanical Comprehension.

## 2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

## 3. Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.

**1320**  
EXERCISES

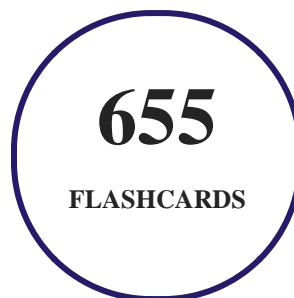
## 4. Quiz

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.



## 5. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



## 6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
  1. Best Postsecondary Learning Solution
- **2015**
  1. Best Education Solution
  2. Best Virtual Learning Solution
  3. Best Student Assessment Solution

4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

• **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

• **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

• **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

• **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

• **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

## 10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

### Syllabus

#### Chapter 1: Introduction

- About This Course
- Icons Used in This Course
- Where to Go from Here

#### Chapter 2: Putting the ASVAB under a Microscope

- Knowing Which Version You're Taking
- Mapping Out the ASVAB Subtests
- Eyeing Easy, Medium, and Hard Questions
- Deciphering ASVAB Scores
- Do-Over: Retaking the ASVAB



## Chapter 3: Knowing What It Takes to Get Your Dream Job

- Eyeing How ASVAB Scores Determine Military Training Programs and Jobs
- Understanding How Each Branch Computes Line Scores

## Chapter 4: Strategizing Your Way to a Good Score

- Taking the Test: Computerized or Paper?
- Tackling Multiple-Choice Questions
- When You Don't Know an Answer: Guessing Smart
- Studying and Practicing for the ASVAB
- Personalizing Your Own Study Plan
- Outlining Your ASVAB Study Strategy
- Making Last-Minute Preparations: 24 Hours and Counting

## Chapter 5: Word Knowledge

- Grasping the Importance of Word Knowledge
- Checking Out the Word Knowledge Question Format
- Building Words from Scratch: Strategies to Help You Decipher Word Meanings
- Yin and Yang: Understanding Synonyms and Antonyms

- ASVAB Word Knowledge Strategy: Finding the Answer When You Just Don't Know
- You Are What You Speak: Improving Your Vocabulary, Improving Yourself

## Chapter 6: Paragraph Comprehension

- Understanding the Importance of Paragraph Comprehension for Military Jobs
- Eyeing the Physique of the Paragraph Comprehension Subtest
- Sampling the Four Types of Comprehension Questions
- Do You Get My Point? Breaking down Paragraphs
- Analyzing What You've Read: Guessing at What the Writer Really Means
- Faster than a Speeding Turtle: Tips for Slow Readers
- Test-Taking Tips for Reading and Gleaning

## Chapter 7: Mathematics Knowledge and Operations

- Just When You Thought You Were Done with Vocab: Math Terminology
- Operations: What You Do to Numbers
- Working on Both Sides of the Line: Fractions
- A Powerful Shorthand: Writing in Scientific Notation
- Getting to the Root of the Problem
- Test-Taking Techniques for Your Mathematical Journey

## Chapter 8: Algebra

- Coming to Terms with Basic Algebra Lingo
- Solving for  $x$
- When All Things Are Equal: Keeping an Algebra Equation Balanced
- Tackling Two-Variable Equations
- Explaining Exponents in Algebra
- A Step Back: Factoring Algebra Expressions to Find Original Numbers
- Making Alphabet Soup: Solving Quadratic Equations
- All Math Isn't Created Equal: Solving Inequalities

## Chapter 9: Geometry

- Perusing Perimeter and Area
- Outlining Angles
- Pointing Out Triangle Types
- Back to Square One: Quadrilaterals
- Going around in Circles
- Fillin' It Up: Calculating Volume

- Mapping Out Coordinates
- Hammering Down Helpful Geometry Formulas

## Chapter 10: Arithmetic Reasoning: Math Word Problems

- Tackling the Real World of Word Problems
- The Guessing Game: Putting Reason in Your Guessing Strategy

## Chapter 11: General Science and Life Science

- There's a Scientific Method to the Madness
- Understanding Forms of Measurement
- Uncovering Biology, from Big to Small
- Perusing the Human Body Systems
- Digging through Plant Physiology
- Thinking Small: A Look at Cells
- Swimming in the Gene Pool: Genetics
- Using Common Sense to Hypothesize about Answers

## Chapter 12: Physical Sciences

- Chemistry: Not Blowing Up the Lab

- Physics: It Matters (and It's Matter)

## Chapter 13: Earth and Space Sciences

- Staying Down to Earth with Geology and Meteorology
- Paleontology: Can You Dig It?
- Where Few Have Gone Before: Astronomy
- Getting Back to Your Latin Roots to Improve Your Test Score

## Chapter 14: Auto Information

- Checking under the Hood
- Cruising toward a Better Score

## Chapter 15: Shop Information

- Picking Up the Tools of the Trade
- Sticking Materials Together with Fasteners
- Building a Better Score

## Chapter 16: Mechanical Comprehension

- A-mass-ing Knowledge on Matter, Weight, Density, and Relativity

- Understanding the Forces of the Universe
- You Call That Work?!
- Relying on Machines to Help You Work
- Working Your Way to a Better Test Score

## Chapter 17: Electronics Information

- Uncovering the Secrets of Electricity
- Switching Things Up with Alternating and Direct Current
- Picture It: Decoding Electrical Circuit Codes
- Coming in Hot: Wire Color Codes Used in the U.S.
- Eyeing Some Electronics Information Test Tips

## Chapter 18: Assembling Objects

- Getting the Picture about Assembling Objects
- Two Types of Questions for the Price of One
- Tips for the Assembling Objects Subtest

## Chapter 19: Ten Surefire Ways to Fail the ASVAB

- Choosing Not to Study at All

- Failing to Realize How Scores Are Used
- Studying for Unnecessary Subtests
- Losing Focus
- Panicking over Time
- Deciding Not to Check the Answers
- Making Wild Guesses or Not Guessing at All
- Changing Answers
- Memorizing the Practice Test Questions
- Misunderstanding the Problem

## Chapter 20: Ten Tips for Doing Well on the AFQT

- As Soon as the Test Starts, Write Down What You're Likely to Forget
- Read All the Answer Choices before Deciding
- Don't Expect Perfect Word Matches
- Read the Passages before the Questions
- Reread to Find Specific Information
- Base Conclusions Only on What You Read
- Change Percents to Decimals

- Understand Inverses
- Remember How Ratios, Rates, and Scales Compare
- Make Sure Your Answers Are Reasonable

## Chapter 21: Ten Ways to Boost Your Math and English Skills

- Practice Doing Math Problems
- Put Away Your Calculator
- Memorize the Order of Operations
- Know Your Geometry Formulas
- Keep a Word List
- Study Latin and Greek
- Use Flashcards
- Read More, Watch TV Less
- Practice Finding Main and Supporting Points
- Use a Study Guide

## Chapter 22: Appendix A: Matching ASVAB Scores to Military Jobs

- Army Enlisted Jobs
- Air Force Enlisted Jobs



- Navy Enlisted Jobs
- Marine Corps Enlisted Jobs
- Coast Guard Enlisted Jobs

## Chapter 23: Appendix B: Word Knowledge Resources

- Digging Down to Word Roots
- Pointing Out Prefixes
- Spotting Hard-Working Suffixes

## Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

**11**

VIDEOS

**43**

MINUTES

## 11. Practice Test

**Here's what you get**

8

FULL LENGTH TESTS

## Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

### Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

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