



## JROTC Virtual Learning

# LET 3 & 4/ ASVAB Introduction

(Armed Services Vocational Aptitude Battery)

**April 13, 2020**



Lesson: April 13, 2020

**Objective/Learning Target:**

Students will become familiar with the ASVAB  
(Armed Services Vocational Aptitude Battery)

**Let's Get Started:**

Watch Video: [Minimum ASVAB Score Requirments \(2:32 Min\)](https://www.youtube.com/watch?v=Grlbyx1rK9o)  
<https://www.youtube.com/watch?v=Grlbyx1rK9o>

# Why is studying for the ASVAB Important?

- Each branch of service has a minimum qualifying ASVAB score requirement.
- Within each branch job choices are determined by ASVAB scores.
  - High scores on certain subtests are required to qualify for specialized and technical jobs.
  - These jobs also offer bonuses and good career options after the military.
- There are time limitations to retake the ASVAB.
  - The ASVAB can not be retaken within 30 days.
  - After a retake the ASVAB can not be retaken within 6 months.

# Military Requirements for Minimum ASVAB Score

<b>Military Branch</b>	<b>High School Diploma</b>	<b>GED</b>
Air Force	36	65
Army	31	50
Coast Guard	40	50
Marine Corps	32	50
Navy	35	50

# What is the ASVAB how to I prepare to take the test?

The video linked below provides a good overall presentation of how the ASVAB is used to help the military select people to join and then assign them a position that they will be qualified for. The video also give practical strategies to increase one's ASVAB score.

Watch Video: [ASVAB Explained \(14:48 Min\)](https://www.youtube.com/watch?v=cfoftESkoL8)  
<https://www.youtube.com/watch?v=cfoftESkoL8>

# ASVAB Subtests

TEST	TIME	ITEMS	DESCRIPTION
General Science	11 minutes	25	Measures knowledge of the physical and biological sciences
Arithmetic Reasoning	36 minutes	30	Measures ability to solve arithmetic word problems
Word Knowledge	11 minutes	35	Measures ability to select the correct meaning of words presented in context and to identify the best synonym for a given word
Paragraph Comprehension	13 minutes	15	Measures ability to obtain information from written passages
Mathematics Knowledge	24 minutes	25	Measures knowledge of general mathematics principles, including algebra and geometry
Electronics Information	9 minutes	20	Measures knowledge of electricity, radio principles, and electronics
Auto & Shop Information	11 minutes	25	Measures knowledge of automobiles, tools, and shop terminology and practices
Mechanical Comprehension	19 minutes	25	Measures knowledge of mechanical and physical principles and ability to visualize how illustrated objects work
Assembling Objects	15 minutes	25	Measures spatial aptitude—the ability to perceive spatial relations

This chart shows the subtests that make up the ASVAB. It includes the number of questions for each subtest and the time allowed.

# Subtests to qualify for specific Military Occupational Specialty (MOS)

The Military.com website below lists Army MOSs and the subtests used to determine qualification. Open the webpage and then use the next two slides to see how to determine which subtests are used to determine qualifying scores for that MOS.

<https://www.military.com/join-armed-forces/asvab/asvab-and-army-jobs.html>

The following slides are an example of the testing required for the MOS 13S Field Artillery Surveyor.

# Line Score Required for Specific MOS (Military Occupational Specialty)

13M	High Mobility Arty Rocket System (HIMAR)	OF:95
13P	Multiple Launch Rocket System Operations / Fire Direction Specialist	FA:96
13R	Field Artillery Firefinder Radar Operator	SC:98
<b>13S</b>	<b>Field Artillery Surveyor</b>	<b>ST:95</b>
13T	Field Artillery Surveyor/ Meteorological Crewmember	EL:93
13W	Field Artillery Meteorological Crewmember	EL:95

This chart is from the military.com site on previous slide.

The MOS 13S Field Artillery Surveyor requires a minimum ST line score of 95. This score can change based on the recruiting needs of the Army. If there is a shortage of people choosing this MOS the required score can be lowered for a time until the positions are filled. When the Army has few openings or many applicants for this MOS the score could be higher than this target score of 95 in the example MOS. The recruit has some options if the desired MOS has a score higher than the recruit's score. The recruit can wait for the score to come down, retake the test for a higher score, or choose an MOS with a lower score that he qualifies for. Bottom line: the higher one's ASVAB score the more career options available.



# How to Determine the Subtests for a Line Score Required for Specific MOS

For example: MOS 13S Field Artillery Surveyor requires a minimum ST score of 95. Using the same military.com webpage the subtests that make up the ST score can be found near the top of the webpage.

The ASVAB test actually consists of several different subject areas or subtests, these subtests are: **General Science (GS)**; Arithmetic Reasoning (**AR**); Word Knowledge (**WK**); Paragraph Comprehension (**PC**); **Mathematics Knowledge (MK)**; Electronics Information (**EI**); Auto and Shop Information (**AS**); **Mechanical Comprehension (MC)**; and Assembling Objects (**AO**).

The Line Score for **ST** consists of the following test scores. General Science+Word Knowledge+Paragraph Comprehension+Mathematical Knowledge+Mechanical Knowledge

## Army Line Scores:

CO - Combat: AR+CS+AS+MC

EL - Electronics: GS+AR+MK+EI

FA - Field Artillery: AR+CS+MK+MC

GM - General Maintenance: GS+AS+MK+EI

GT - General Technical: VE+AR

MM - Mechanical Maintenance: NO+AS+MC+EI

OF - Operators and Food: VE+NO+AS+MC

SC - Surveillance and Communications: VE+AR+AS+MC

**ST - Skilled Technical: GS+VE+MK+MC**

**VE - Verbal Expression: WK+PC**

# Self Assessment

Using the link below, look through the MOS's listed and choose one that is interesting to you.

Then use the chart to determine the line test used and the minimum line score.

Then list which subtests are used to get that line score.

This exercise will help you understand how the ASVAB subtest scores are used and why it is important to practice and study for the test.

<https://www.military.com/join-armed-forces/asvab/asvab-and-army-jobs.html>

# Additional Practice:

Click on the links below to explore additional ASVAB resources.

[ASVAB Fact Sheet](#)

[Army National Guard ASVAB Information](#)

[MASTER THE ASVAB Book](#)