



**NATIONAL
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GT IMPROVEMENT PROGRAM



ARMY NATIONAL GUARD



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3 W'S

- **Who:** Army National Guard Enlisted Soldiers

Warrant Officer

- **What:** Online GT Improvement Program

- **Why:** Enlisted Soldiers desiring to become Warrant Officers must have a GT score of 110 or greater. The resources provided herein will properly equip Soldiers with the necessary tools to improve their GT score.

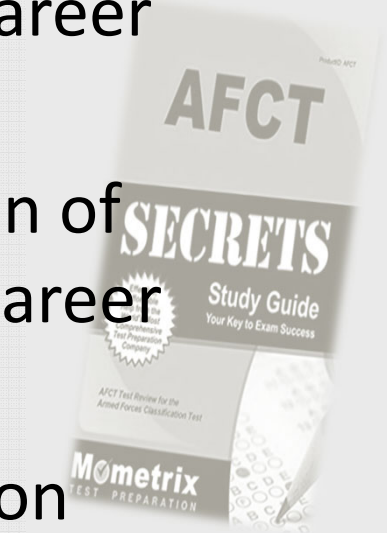


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AFCT Background

- The Armed Forces Classification Test (AFCT) is a multi-part test that is used by the military to identify individual aptitudes and areas of greatest career potential.
- The AFCT is a test of ability and an indication of academic readiness to pursue a particular career choice.
- The AFCT is an important tool in the selection process for Warrant Officer Candidate School (WOCS).



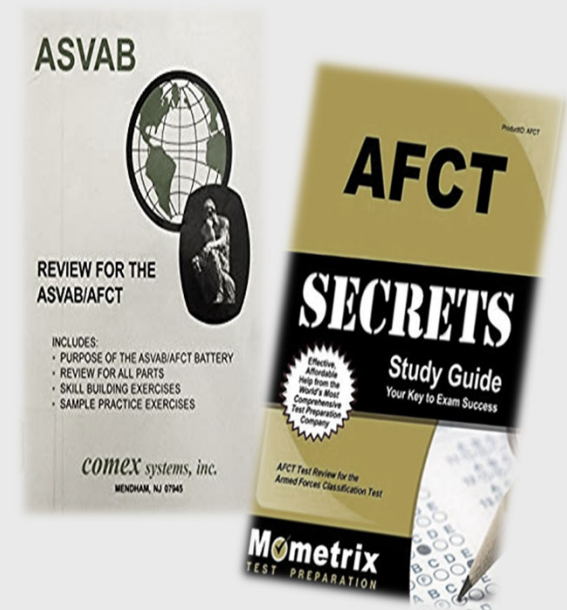


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AFCT Sub Tests

- The AFCT is divided into nine sub tests, including:
 - Arithmetic Reasoning (AR)
 - Word Knowledge (WK)
 - Paragraph Comprehension (PC)
 - General Science (GS)
 - Mathematics Knowledge (MK)
 - Electronics Information (EI)
 - Auto & Shop Information (AS)
 - Mechanical Comprehension (MC)
 - Assembling Objects (AO)





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GT Portion of the AFCT

- The General Technical (GT) portion of the test is comprised of the following subtests: **AR, WK, & PC**
 - **Arithmetic Reasoning (AR)**.....16 questions, 39 minutes
 - Arithmetic Reasoning questions will involve the following basic math skills:
 - Basic operations including: Adding/Subtracting/Multiplying/Dividing with Whole Numbers, Fractions, Decimals, Integers, and Algebraic Terms
 - Ratios & Scales
 - Finding Percentages
 - Solving Simple Equations
 - Basic Geometry
 - Mathematics



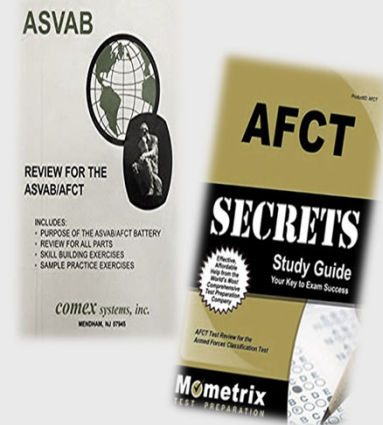


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GT Portion of the AFCT

- The General Technical (GT) portion of the test is comprised of the following subtests: AR, **WK**, & PC
 - **Word Knowledge (WK)**.....16 questions, 8 minutes
 - Basic vocabulary knowledge including:
 - Vocabulary
 - Meaning in Context (give the definition of a word from context)
 - Synonyms



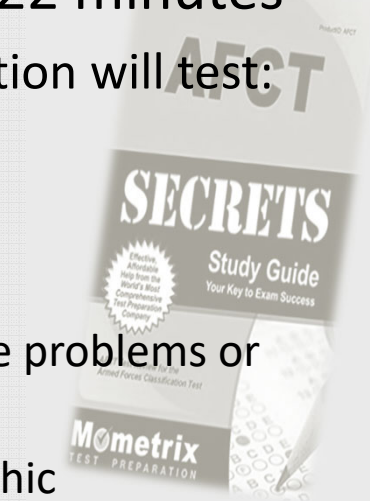


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GT Portion of the AFCT

- The General Technical (GT) portion of the test is comprised of the following subtests: AR, WK, & **PC**
 - **Paragraph Comprehension (PC)**..11 questions, 22 minutes
 - Some of the skills the Paragraph Comprehension section will test:
 - Drawing logical conclusions
 - Identify the author's intent
 - Make predictions
 - Analyze and evaluate the use of text structure to solve problems or identify sequences
 - Find information from a graphic (chart or similar, graphic representation)
 - Identify and use scales, legends on a sample map





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Resources: Active Duty v. ARNG

- Active Duty Soldiers
 - Basic Skills Education Program (BSEP) classes, part of the Functional Academic Skills Training (FAST) program, provide Soldiers with on-duty instruction in reading and math. The goal is to improve job performance, prepare Soldiers for more advanced schooling, increase re-enlistment options and enhance trainability. The majority of Soldiers participate in BSEP classes to increase their General Technical (GT) score.





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Resources: Active Duty v. ARNG

- Army National Guard Soldiers
 - Army National Guard Soldiers can enroll in the Active Duty BSEP program, if the circumstances surrounding their situation permits them to do so.
 - Several online resources are available that focus on improving arithmetic reasoning, word knowledge, and paragraph comprehension (the three sub-categories that make up the GT score).



 **OASC & CPST**



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Online Academic Skills Course

- The Peterson's Online Academic Skills Course (OASC) is the primary curriculum used for BSEP classes and can be found at:
 - <http://www.nelnetsolutions.com/dantesnet/>
- This curriculum standardizes the BSEP program Army-wide. It also offers a self-study online program for Soldiers who are unable to attend a classroom environment. Peterson's OASC is open to all Service Members (Reserve Components included), DoD Civilians, and adult family members.



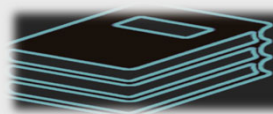


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Online Academic Skills Course

- The Peterson's OASC program supports the following mode of instruction:
 - Self-Study: Ending date will be no more than one year from the start date
- The majority of Soldiers participate in BSEP classes to increase their General Technical (GT) score. If a Soldier has successfully enrolled and completed the OASC, the AFCT should be scheduled as soon as possible.



OASC & CPST



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OASC Enrollment Instructions

1. Register for the Online Academic Skills Course at:
<http://nelnetsolutions.com/dantes/>
2. Click on “Service Member”;

The screenshot shows a web browser window displaying the OASC & CPST website. The browser's address bar shows the URL www.nelnetsolutions.com/dantesnet/. A red arrow labeled "Step 1." points to the website's logo. The website's navigation menu includes links for "ABOUT THE COURSES", "FEATURES AND BENEFITS", "TECH SUPPORT", "MARKETING MATERIALS", and "ADMINISTRATOR TRAINING". The main content area features a large banner with the text "Build Your Skills. Ace Your Exams. Advance Your Career." and "Let's get started! Are you a:". Below this text are two buttons: "SERVICE MEMBER →" and "FAMILY MEMBER/DOD CIVILIAN →". A red arrow labeled "Step 2." points to the "SERVICE MEMBER" button. At the bottom of the page, there is a section titled "Welcome to Peterson's Online Basic Skills Courses" and a "NEW EBOOK! College Success Tips" button with a "READ" link. The Windows taskbar is visible at the bottom of the browser window, showing the search bar and various application icons.



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OASC Enrollment Instructions

3. Go to “New User”, click here;
4. Fill out all required fields;
5. Click on “Continue” (the account will become available as soon as registration is completed);

OASC-CPST

LOG IN

NEW USER?

User Name:

Password:

LOG IN

Get started with a new account today!

NEW USER?

PETERSON'S

Step 4.

Register

Welcome! Before you get started, we need to know a little information about you so we can assist you with the creation of your username and password.

Personal Info

First Name: Joe Last Name: Snuffy

Military Email Address: joe.snuffy.mil@mail.mil Re-enter Military Email Address: joe.snuffy.mil@mail.mil

Installation Info

Branch: Army National Guard

Installation/Individual Support Base: Utah

Login Info

Please enter a User Name and Password that you want to use to access this site. Your User Name and Password must have at least four characters. Both your User Name and Password are case sensitive, so you will have to enter them EXACTLY as you enter them here.

User Name: sfjoesnuffy

Password: ***** Re-enter Password: *****

The Challenge Question: Favorite color Challenge Question Response: Army Green

NOTICE: All Active Duty Military members (Army, Marine Corps, Navy, Air Force, Coast Guard), Reserve, National Guard, Military Family Members, and DoD civilians and their families are eligible for this service.

I attest that I am eligible to access Peterson's Online Academy. My Course

CONTINUE

Step 5.



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OASC Enrollment Instructions

- On the left side, click on OASC and take both pre-assessments, complete all lessons and quizzes, then take post-assessments.

Step 6.

OASC
Online Academic Skills Course for Military Success

SUCCEED IN THE MILITARY

- Comprehensive online course to aid in military success
- Subject areas include Reading Comprehension, Math, and Vocabulary Skills
- Contains pre-assessments, personalized learning path with lessons and post-assessments

ENTER OASC

CPST
College Placement Skills Training

ENSURE COLLEGE SUCCESS

- Comprehensive online course to aid in scoring well on college-placement exams, like Accuplacer and college-level courses.
- Subject areas include Math, College-Level Math, English and Writing.
- Contains pre-assessments, personalized learning path with lessons, and post-assessments.

ENTER CPST

Users have the ability to take both courses with the same login and they can always return and access the other course.

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OASC & CPST

MY LEARNING PATH | PRACTICE TESTS

Pre-Assessment	Lessons	Practice Banks
Verbal 100%	Verbal 6 of 6 100%	Verbal Practice Sets 0%
Math 100%	Math 19 of 19 100%	Math Practice Sets 0%

Click the buttons below to see other results.

PRE-ASSESSMENT RESULTS **QUIZ RESULTS**

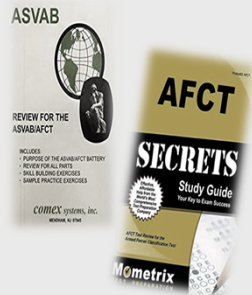


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OASC Completion

- Once you have successfully completed the Peterson's OASC, the AFCT should be scheduled as soon as possible.



PRACTICE TESTS - PROGRESS & RESULTS J MATH VIDEOS

Your Learning Path

Welcome to your online course. The lessons on this page were picked especially for you based on results from your pre-tests.

Introductory Lessons

1 About Academic Skills Preparation	b
1 Dealing with Studying Stress	b

Flashcards Add Extra Lessons Resize Course

Lessons

Click lessons to expand

o Verbal	100%
= Math	100%
Concluding Lessons	100%

Lessons You Added

Click lessons to expand

o Verbal	100%
= Math	100%

} Not Started | In Progress | 1 Complete

NEW! ASVAB Diagnostic Test
Evaluate your strengths and weaknesses on the ASVAB and analyze your results according to the subject area and question difficulty level.

START NOW



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Additional Resources: Khan Academy

- Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace.



← → ↻ https://www.khanacademy.org 🔍 ☆ 📄 🌐

Courses ▾ Search 🔍 Khan Academy Donate Login Sign up

You can learn anything.
For free. For everyone. Forever.

Learners, start here

Teachers, start here

Parents, start here

Math Science & engineering Computing Arts & humanities Economics & finance Test prep College, careers, & more

Math

Early math
Algebra 1
Trigonometry
AP® Calculus AB
Multivariable calculus

Arithmetic
Geometry
Precalculus
AP® Calculus BC
Differential equations

Pre-algebra
Algebra 2
Statistics & probability
AP® Statistics
Linear algebra

20%



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Additional Resources

- Vocabulary (Word Knowledge):
 - Basic Skills Education Program Vocabulary
 - <https://quizlet.com/5243541/updated-bsep-words-flash-cards/>
 - ASVAB Word Knowledge Practice Tests
 - <https://asvabtutor.com/asvab-practice-tests/word-knowledge-practice-tests/>
 - <https://asvabmilitarytest.com/word-knowledge-asvab-test>
 - <https://www.asvabpracticetests.com/asvab-word-knowledge-practice-test/>
 - <https://www.test-guide.com/asvab/free-asvab-practice-test/asvab-word-knowledge-practice-test-1.html>



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Additional Resources

- Reading (Paragraph Comprehension):
 - California Distance Learning Project (Language Arts, Reading)
 - <http://www.cdlponline.org/>
 - Literacy Resources (Language Arts, Reading)
 - <http://www.literacynet.org/cnnsf/>
 - Reading Comprehension Connection (Language Arts, Reading)
 - <http://www.readingcomprehensionconnection.com/>



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Additional Resources

- Mathematics (Arithmetic Reasoning):
 - AAA Math (Mathematics)
 - <http://www.aaamath.com/B/Impg.htm>
 - Aplus Math (Mathematics)
 - <http://aplushmath.com/>
 - Math Goodies (Mathematics)
 - <http://mathgoodies.com/>
 - Simple Fractions (Mathematics)
 - <http://www.sosmath.com/algebra/fraction/frac3/frac3.html>



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Additional Resources

- Practice ASVAB Test
 - <https://www.4tests.com/asvab>
- Practice Reading Test
 - http://www.fireacademy.org/PDF_Files/TABE_reading.pdf
- Practice Language Test
 - http://www.fireacademy.org/PDF_Files/TABE_math.pdf
- Math Practice Test
 - http://www.fireacademy.org/PDF_Files/TABE_math.pdf



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Additional Resources

- Several apps can be downloaded onto one's smart phone:
 - ASVAB AFQT Test Pro
 - ASVAB Practice Test
 - ASVAB Flashcards
 - ASVAB AFQT Mastery
 - Vocabulary Builder



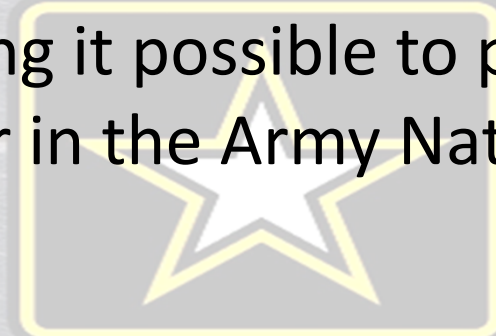


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Summary

- These online resources and tools, if used, will help Enlisted Soldiers improve their General Technical (GT) Score, making it possible to pursue candidacy as a Warrant Officer in the Army National Guard.





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**For more information contact:
Mr. Christopher D. Rush, M. Ed.
Education Services Specialist
Massachusetts Army National Guard
Phone: 508-968-5974
christopher.d.rush1.civ@mail.mil**



Prepared by
SFC Phillip Basset
HPLP Engineer NCO, UTARNG