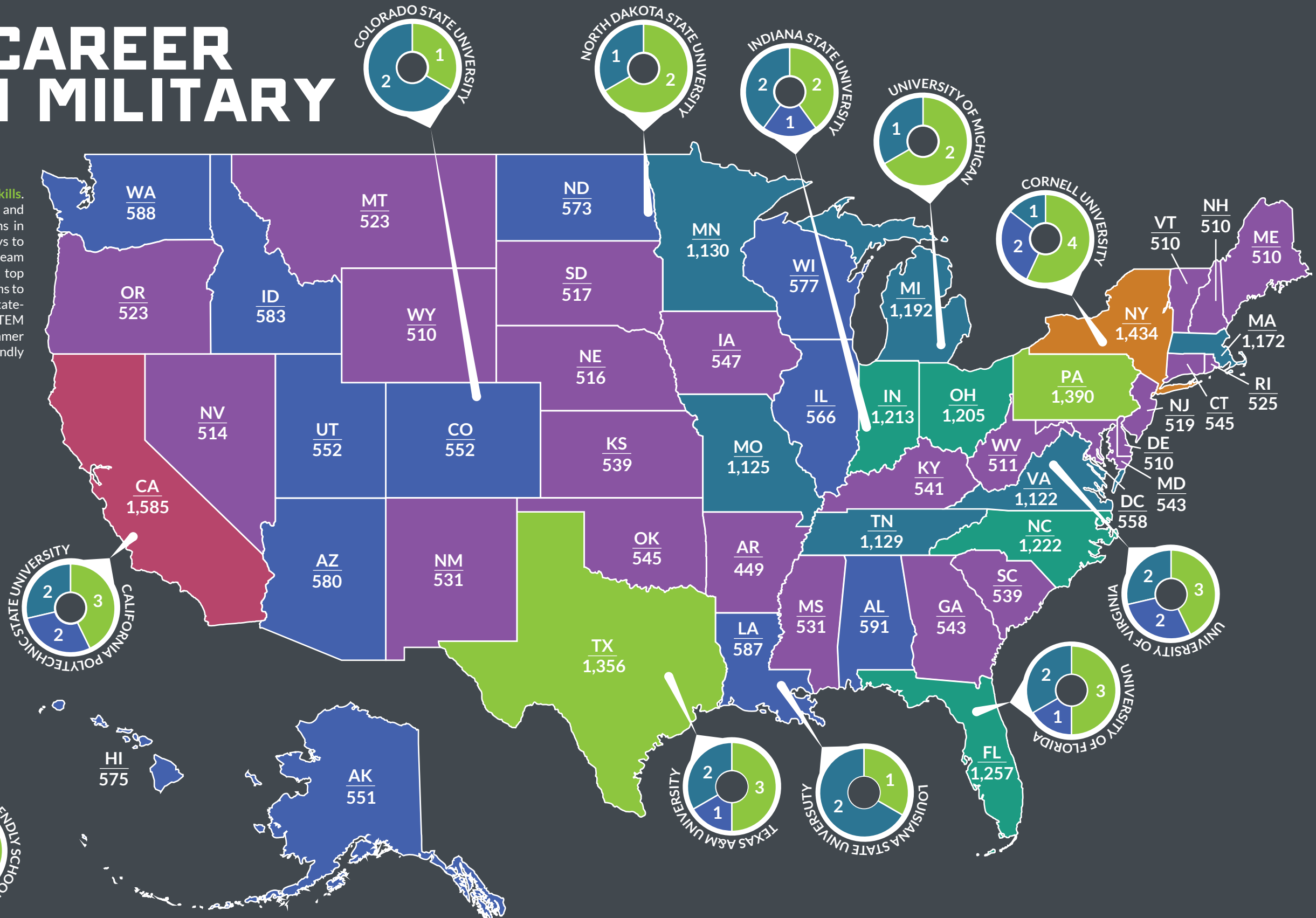
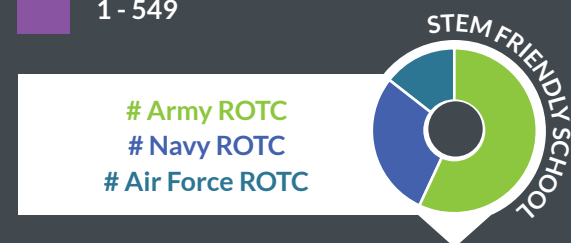
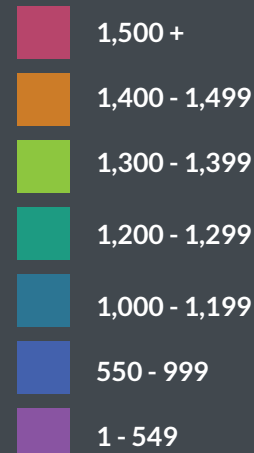


A STEM CAREER THROUGH MILITARY SERVICE

Military service is a great way to learn STEM skills. The vast majority of military occupations require and teach STEM skills and lead to STEM occupations in the civilian world. The ROTC offers excellent ways to gain experience and training. Our crack STEM team has assembled a data mashup for you that links top STEM Jobs® Friendly Schools with ROTC programs to the Top 10 STEM jobs in the military. Here's the state-by-state scores with a hint at some of our Top STEM Jobs® Friendly Schools. Stay tuned for our summer issue when we'll reveal the full STEM Jobs® Friendly Schools list with rankings! 📖

KEY

STEM Jobs® Military Opportunity Index:





NATIONAL GUARD STEM JOBS BY MOS*

	CONSTRUCTION ENGINEERING SUPERVISOR	TECHNICAL ENGINEERING SPECIALIST	GEOSPATIAL ENGINEER	AIR TRAFFIC CONTROL OPERATOR	SPECIAL FORCES ENGINEERING SERGEANT	INFORMATION TECHNOLOGY SPECIALIST	SATELLITE COMMUNICATION SYSTEMS OPERATOR	ELECTRONIC WARFARE SPECIALIST	CRYPTOLOGIC COMMUNICATION	PETROLEUM LABORATORY SPECIALIST
MOS	12H	12T	12Y	15Q	18C	25B	25S	29E	35P	92L
EDUCATION REQUIRED	High School, Associate Degree and Experience	High School	High School	High School and Certification	High School and Experience	High School	High School	High School	High School and Foreign Language Proficiency	High School
STEM TYPE	Integrator	Advisor	Investigator	Regulator	Explorer	Operator	Operator	Developer	Communicator	Investigator
WILL I LIKE IT?	You tried to dig your own pool.	What went wrong is always more interesting than what went right.	You created a map of your entire neighborhood.	You are a back seat driver.	People call you unconventional.	You installed electricity in your treehouse.	You have messed with your dish at least once.	You know how to carry and deploy a static charge.	You made your own code language and broke it again 10 years later.	You live on the edge and know it.
WHAT WILL I DO?	You manage the construction, repair and utility services of buildings, fixed bridges, port facilities, pipelines, tanks and related equipment.	You direct technical investigations, surveying, drafting, quality control inspections and development of construction plans and specifications.	You collect, analyze and distribute geospatial information to represent the terrain and its possible effects.	You manage air traffic control services, including visual flight rules, instrument flight rules and special visual flight rules.	You follow conventional and unconventional tactics and techniques in combat engineering.	You supervise, install and perform maintenance on information processing systems, equipment and mobile just about everywhere you can imagine.	You supervise, install, operate and maintain strategic and tactical multichannel satellite communications ground terminals, systems, networks, communication security (COMSEC) devices and associated equipment.	You perform and supervise action involving the use of electromagnetic energy.	You translate and analyze foreign communication transmissions. Jobs can consist of maintenance, technical, operational, network and collection support.	You apply fire prevention and safety control procedures while handling volatile products.
SCHOOLS THAT TRAIN	<ul style="list-style-type: none"> • Colorado State • Georgia Southern • Kansas State • University of Florida • University of Nebraska 	<ul style="list-style-type: none"> • Cal Tech • NC State • North Dakota State • Oregon State • University of Alabama 	<ul style="list-style-type: none"> • Louisiana Tech • San Diego State • University of Colorado - Boulder • University of Massachusetts • University of Oklahoma 	<ul style="list-style-type: none"> • Arizona State • Indiana State • Minnesota State - Manakato • University of North Dakota • Western Michigan University 	<ul style="list-style-type: none"> • Cornell • Johns Hopkins • MIT • University of Virginia • USC 	<ul style="list-style-type: none"> • Brigham Young • Carnegie Mellon • Florida International University • Indiana University • Ohio University 	<ul style="list-style-type: none"> • Iowa State • Purdue • University of Michigan • University of Texas at Arlington • Virginia Tech 	<ul style="list-style-type: none"> • Boston University • Florida State • George Mason University • University of Maryland • University of Southern Mississippi 	<ul style="list-style-type: none"> • Oklahoma State • Rochester Institute of Technology • St. John's University • Syracuse • University of Texas 	<ul style="list-style-type: none"> • Louisiana State A&M • Penn State • Texas A&M • University of Oklahoma • West Virginia University

*MILITARY OCCUPATIONAL SPECIALTY