



Combat Engineer (21B)

Closed to women

Having a combination of combat ability and building skills is necessary when it comes to tackling rough terrain in combat situations. Combat Engineers primarily supervise, serve or assist as a member of a team. They provide much-needed combat engineering, such as building roads, constructing bridges or helping our forces to move across foreign land.

Some of your duties as a Combat Engineer may include:

- Constructing trails, roads and field fortifications such as shelters, bunkers and gun emplacements

- Assembling floating or prefabricated bridges

- Operating various light or heavy engineer vehicles

- Placing and detonating explosives

- Loading, unloading and moving supplies and equipment using planes, helicopters, trucks and amphibious vehicles

- Operating or serving as a crewmember on a combat engineer vehicle, armored vehicle launch bridge or an armored combat earthmover

- Preparing and installing firing systems for demolition and explosives

- Locating mines by visual means or by using a mine detector

REQUIREMENTS

Combat Engineers must meet very demanding physical requirements. Agility, balance and the ability to perform strenuous physical activities over long periods of time are a necessity.

TRAINING

Job training for Combat Engineers consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and six weeks of Advanced Individual Training. Your on-the-job training primarily consists of manual work in a variety of construction projects that cover the following:

- Basic construction methods

- Basic engineering principles

- Bridge building

- Road maintenance and repair

Rough carpentry and rigging
Use of hand and power tools

HELPFUL SKILLS

Helpful attributes include:

- Ability to use hand and power tools
- Interest in construction and working with your hands
- Ability to think and remain calm under stress
- Interest in engineering
- Preference for working outdoors

ADVANCED RESPONSIBILITIES

Advanced level Combat Engineers supervise and train other Soldiers. As an advanced Combat Engineer, you may be involved in:

- Directing and assisting in the operation of engineering wheeled or tracked vehicles
- Determining zero settings and firing the combat engineer vehicle weapon systems
- Directing the construction of fighting positions and wire entanglements
- Controlling fire team movements
- Placing explosives and clearing misfires
- Conducting reconnaissance operations

RELATED CIVILIAN JOBS

Your training as a Combat Engineer will easily prepare you for practically any position that might interest you in the fields of construction, building inspection or building engineering. Civilian positions such as construction and building inspectors involve examining the construction, alteration or repair of buildings, highways and streets, water systems, bridges and other structures to ensure compliance with building codes and ordinances.

RELATED ARMY POSITIONS

- Cannon Crewmember (13B)
- Bridge Crewmember (21C)
- Heavy Construction Equipment Operator (21E)
- Plumber (21K)
- Construction Engineering Supervisor (21H)
- Carpentry and Masonry Specialist (21W)

Information about this MOS provided by: www.goarmy.com

For further information visit: www.minnesotanationalguard.org