

# Construction Mechanic (CM)



Construction Mechanics repair and maintain heavy construction and automotive equipment including, buses, dump trucks, bulldozers, rollers, cranes, backhoes, pile drivers, and tactical vehicles. CMs also prepare detailed maintenance records and cost control data and acquire parts.

This is a 5 year enlistment program.

### What they do

The duties performed by CMs include:

- diagnosing and troubleshooting equipment failures;
- repairing and maintaining diesel and gasoline engines;
- adjusting and repairing ignition, fuel, electrical, hydraulic and steering systems;
- maintaining and repairing chassis, frames and bodies;
- working with hoisting and jacking equipment, power tools, measuring instruments, gauges and meters;
- lubricating equipment;
- maintaining and repairing tires, batteries, brakes and valves;
- performing shop management functions such as maintenance scheduling and spare parts inventory control.
- making estimates of material, labor, and equipment requirements.

### Credit Recommendations

The American Council on Education recommends the following semester hour credits in the associate and vocational degree programs, 3 semester hours for both automotive electrical systems and hydraulic brake service. An AA in Electrical/Mechanical Technology and an AAS in Mechanics and Maintenance with specialty in Mechanics can be earned from Coastline Community College and Thomas Edison State College, respectively.

### Qualifications and Interests

Prospective CMs should be able to use various tools, equipment and machines. They should possess manual dexterity and be able to keep records, do detailed work and perform repetitive tasks. Other important qualities are resourcefulness, curiosity, good memory, and an interest in ideas and information. Just as important are strong arithmetic, speaking and writing skills; good physical condition; and a cooperative attitude.

### Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through formal Navy schooling. Advanced technical and operational training in these ratings are available during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Class "A" Technical School	Port Hueneme, CA	Approximately 13 Weeks	Basic construction skills and theories required in the CM rating and basic combat skills.	Group and individual instruction.

Following completion of basic technical training, graduates can expect assignments to a Naval Mobile Construction Battalion (NMCB) in Port Hueneme, CA or Gulfport, MS, or to an Amphibious Construction Battalion (ACB) in San Diego, CA or Little Creek, VA. NMCB's operate on a rotating basis between homeport and overseas locations such as Spain, Okinawa or Guam. Seabees receive additional specialized combat and construction skills training during home port duty. Seabees construct buildings, roadways, utility systems and other shore facilities to support the Navy and Marine Corps operational and expeditionary forces worldwide.

### Working Environment.

Many construction mechanics perform in an automotive garage environment, while some work in the field to maintain equipment. People in this rating usually work closely with others under close supervision and perform both physical and mental tasks. Their many different duties may be performed in climates ranging from tropical to arctic.

### Opportunities

Opportunities to enter the CM rating are excellent for qualified applicants. About 1,700 men and women work as Construction Mechanics in the Navy.

### Related Civilian Jobs O-Net SOC Code

- 47-1011.00 First-Line Supervisors/Managers of Construction Trades and Extraction Workers
- 49-3023.00 Automotive Service Technicians and Mechanics
- 49-3023.01 Automotive Master Mechanics
- 49-3031.00 Bus and Truck Mechanics and Diesel Engine Specialists
- 49-3042.00 Mobile Heavy Equipment Mechanics, Except Engines
- 49-3053.00 Outdoor Power Equipment and Other Small Engine Mechanics

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

(Revised 01/08)