

# Apprentice Program



## Benefits of Apprenticeship

Experience has demonstrated that a practical and sound method of preparing workers for employment in skilled occupations is through a planned apprenticeship – a concept that provides for employment and training under actual job conditions, with supervision by skilled professionals, and with wages commensurate with the apprentice's skill. In addition, the understanding of the occupation is enhanced through participation in approved courses of related and supplemental instruction.

## Trades Available

### • Machinist

The apprentice will learn the skills to operate and set up various machines for the manufacturing of hardware. The machines include lathes, mills, grinders, and computer numerical controlled (CNC) machines. Cross training will occur in sheet metal, welding, and heat treating.

### • Mechanical Engineer Technician

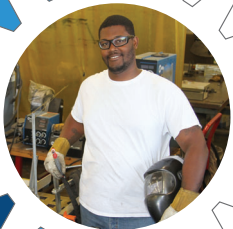
The apprentice will develop an understanding of physics, chemistry, and electronics. Training will include manufacturing, design, and knowledge of materials. The main function of this person will be to interface with the engineering community to support the assembly and testing of Department of Defense hardware.

### • Electronics Technician

Apprentices will learn to read drawings, schematics, and shop sketches to identify electronic components. They will prepare components for assembly, solder printed wiring boards to J Standards, and fabricate/assemble unique cables and wiring harnesses.

### • Nonmetallic Manufacturing

The apprentice will learn to manufacture nonmetallic hardware using plastics and other materials. The individual will learn the use of vacuum casting, injection molding, and rapid prototype machines; in addition, they will have a working knowledge of computer-aided design (CAD) systems. The apprentice will also develop a working knowledge of aerospace coatings and their various application methods.



### Program Highlights

- Career opportunity
- Full-time employment
- On-the-job training
- Merit-based promotions
- Paid tuition for required classes

### Apprentice Graduation

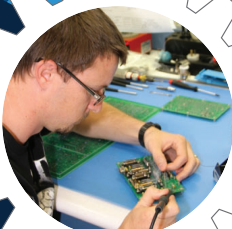
- Journeyman certificate from U.S. Department of Labor
- Certificate of completion from Education Direct
- Certificate from the Department of the Navy

### Employment Benefits

- Retirement investment plan
- Medical insurance
- Life insurance
- Annual leave
- Sick leave
- 11 paid holidays per year

### Entry Requirements

- 18 years of age
- U.S. citizenship
- Half-time enrollment in an educational institution
- Minimum 2.5 GPA



The Apprenticeship Program is administered by the Student Employment Office and operates under the requirements of the Pathways Intern Program. All job opportunity announcements will be placed through USAJOBS.gov. For more information, email [NAWCWD\\_Recruitment@navy.mil](mailto:NAWCWD_Recruitment@navy.mil)