



## Precision Metal Fabrication Instructor

### Share Your Knowledge and Skills with the Next Generation

The Aerospace Machinist Joint Training Committee (AMJTC) is looking for experienced precision metal fabricators who are interested in passing on their knowledge to current apprentices by teaching a variety of precision sheet metal fabrication apprenticeship classes. This is a PART-TIME, CONTRACT position.

Primary responsibilities are to teach courses for the precision metal fabrication apprenticeship program and to work with AJAC staff to plan, implement, and update the program and program materials necessary to meet industry needs. Classes are held one night a week for four hours.

### Current open position(s) are available in the following area(s):

- Everett, Washington (Snohomish County)

### Minimum Qualifications:

- Journey-Level metal fabricator or equivalent required
- Industry knowledge and experience in:
  - CNC and manual punch presses
  - Press brakes
  - All types of welding and inspection
  - All aspects of metal forming technology
  - Metallurgy
- Welding credentials
- Valid First Aid Certificate required
- Knowledge of aerospace-oriented manufacturing processes and technological applications
- Excellent communication skills
- Ability to work with diverse populations

### Preferred Qualifications:

- 5 years experience as a precision metal fabricator in the aerospace-oriented manufacturing industry
- Prior experience teaching or mentoring in a college, technical, or vocational environment
- General knowledge of apprenticeships and state apprenticeship system

### Examples of Duties:

- Effectively teach the curriculum for the precision metal fabrication apprenticeship program

- Model and teach productive and constructive work habits, study skills, and core skills; and model the communication, computation, and human relations skills required for employment in precision metal fabrication
- Teach layout including use of Mastercam
- Teach basic math, basic algebra and applied geometry and trigonometry
- Establish guidelines and manage conduct of students as appropriate for the classroom and machine shop
- Develop classroom and laboratory procedures, including safety, in accordance with identified local, state, and federal policies and procedures
- Support AJAC's mission in passing along the knowledge of the trades in order to create the most highly skilled and trained aerospace and manufacturing craftspeople in the world
- Identify individual learning needs of students and present material accordingly
- Deliver educational objectives in a non-discriminatory manner, in line with the AMJTC's equal employment opportunity standards
- Work effectively with students from academically, culturally and economically diverse backgrounds
- Participate in instructor training and curriculum development meetings
- Develop, expand, revise and update effective program materials
- Follow AMJTC's administrative guidelines as assigned, including maintaining apprentice/student record-keeping, progress reporting and communication expectations with the AJAC Program Manager
- Maintain and ensure program performance and competency standards are met
- Develop and maintain effective working relationships with students, supervisor and staff
- Ability to work well in a team
- Communicate effectively in oral and written English
- Maintain a comprehensive knowledge of the aerospace manufacturing field and stay up to date on related machining applications and techniques
- As a contracted representative of AMJTC, uphold the highest professional standards and convey a professional image in interactions with all affiliated organizations and parties
- Develop and maintain industry connections in support of the program and classes
- Maintain regular attendance and punctuality
- Perform other duties assigned

**Required application documents:** To be considered for this position, reference **Precision Metal Fabrication Instructor** in the subject line, and submit the following information to [instructors@ajactraining.org](mailto:instructors@ajactraining.org) by the application **deadline:**

- Letter of Interest
- Resume

**Application Deadline:** Open Until Filled

**Employer Information:** The AMJTC is a statewide, state-funded non-profit organization. The purpose of the AMJTC is to support the mission of the Aerospace Joint Apprenticeship Committee (AJAC), [www.ajactraining.org](http://www.ajactraining.org). With offices located in Seattle and Spokane, AJAC is dedicated to developing, implementing and maintaining thriving aerospace apprenticeship programs for the purpose of creating highly skilled aerospace and advanced manufacturing tradespeople.

It is the mission of the Aerospace Machinist Joint Training Committee that the recruitment, selection, employment and training of employees shall be without discrimination based on race, gender, color, religion, national origin, age, disability, sexual orientation, veteran status or as otherwise specified by law.