



Secondary CTE Manufacturing Processes

Applicant

Legal name:

Date:

Requirements

U.S. Service Member Applicants may meet content knowledge and experience requirements as follows:

- U.S. Air Force, Army, Coast Guard, Marine Corps, Navy or Space Force members: three or more years' active duty
- Guard/Reserves: 10 years' experience, or five years' experience with 12 months active-duty deployment
- Military Occupational Specialty (MOS), time of service and an honorable discharge must be verified on a DD-214 member copy 4 (submitted in application)

All other applicants must meet all requirements outlined in 1 and 2 below:

1. Content Knowledge:

- 24 semester hours of related postsecondary coursework verified on an official transcript to include a minimum of three (3) semester hours of content coursework in **four** of the areas listed in the table below **OR**
- Hold valid and current NAM certification, SME certified manufacturing technologist or SME lean certification

2. Occupational Experience:

Credit for student teaching (up to 800 hours) in the content area may be applied to either occupational or teaching experience

- Bachelor's or higher degree: 2,000 hours of verified occupational (non-teaching) experience in the content area **OR**
- Less than a bachelor's degree: 4,000 hours of verified occupational (non-teaching) experience in the content area **OR**
- Three (3) years' verified teaching experience in the content area (full-time is defined as 51% or more of a teaching schedule dedicated to teaching in the content area).

Content coursework (min. 3 semester hours in 4 areas)	Coursework	Semester Hours
Introduction to manufacturing technology		
Introduction to process technology		
Manufacturing design		
Networks and control systems		
Manufacturing, communications and teamwork		
Pathway specific courses (health, safety and environment, logistics and inventory, quality assurance, etc.)		
Total semester hours (24 semester hours required):		
Up to a maximum of six (6) semester hours of professional development may serve in lieu of coursework in the "content coursework" section above and must be documented within the application. (15 contact hours = 1 semester hour)		