

Jobs in Aerospace Manufacturing - *JAM*



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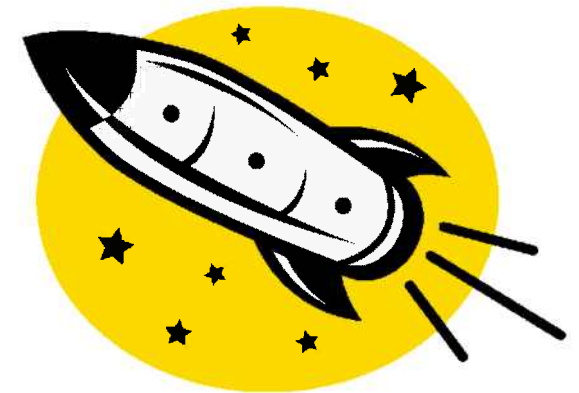


September 2005

JAM

Goals:

- Develop a system through which entry-level workers can obtain employment in aerospace manufacturing.
- Provide training for incumbent workers to increase their skill sets and knowledge of aerospace manufacturing.
- Enhance aerospace manufacturing companies ability to hire, train, and grow their workforce in a cost effective manner.



Funding

-The North Shore Workforce Investment Board (NSWIB) has been awarded a BayState Works grant totaling \$267,389, provided by the Commonwealth Corporation and the State of Massachusetts through a state economic stimulus package.



Industry Led Partnership:



- 5 Industry partners
 - Bomco
 - Boston Centerless
 - Middleton Aerospace
 - Hansen Engineering & Machinery
 - Wilbur Tracey Associates
- North Shore Workforce Investment Board
- North Shore Career Center



HANSEN ENGINEERING &
MACHINERY CO., INC.

Training Providers

- **North Shore Community College**
 - Academic Training
- **E-Team: Machinist Job Training Program**
 - Technical training at Lynn Vocational Technical Institute

* Curriculum Designed By Industry Partners



Program - Components



Academic Training

- Math (basic math, algebra & trigonometry)
- Computer Skills
- English Language Competency
- English as a Second Language
- Critical Thinking
- Problem Solving
- Conflict Management

Technical Training

- Geometric Tolerancing
- Blue Print Reading
- Basic Machining
- Inspection & Quality Control
- Basic NC Control & CNC
- Turning, Milling & Welding
- Cartesian Coordinate System
- Machine Kinematics

Incumbent Workers



- Classes customized to meet needs of employers
- Classes held at times most cost effective to company (Minimize time away from shop floor)
- Employees receive regular compensation for attending classes

Pre-Employed Workers



- 38 weeks of intensified training at 20+ hours per week
- Technical classes taught at Lynn Technical Vocational High School
- Academic Classes held at St. Stephen's Church, Lynn
- Classes taught in team environment, Emphasizing: Participation, Interest, & Enthusiasm