



North Easton Machine Co., Inc.  
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April 20, 2017 – 9:30AM-12PM

**TOUR** Tour North Easton Machine, an advanced manufacturer, with the management team and learn about CNC (computer numeric controlled) equipment and the manufacturing process, which produces custom machine parts for a wide variety of industries including medical device, aerospace, electronics, and defense.

**DEMO** Join the quality department in an inspection demonstration. Receive Precision Machine Products Association (PMPA) Education Foundation USB pens loaded with industry data and lesson plan options.

**ACTIVITY** Engage in an activity that demonstrates lean manufacturing practices.

**PRESENTERS** **North Easton Machine**  
Jon Holbrook - President, Paul Diamond – Vice President, Paula Martel – HR Manager  
**Brockton Area Work Force Investment Board**  
Sheila Sullivan-Jardim, Director  
**MassMEP - Manufacturing Extension Partnership**  
Wendy Storm, Manufacturing Advancement Center Workforce Innovation Collaborative (MACWIC)  
Vocational Coordinator

#### **WORK-BASED LEARNING SEMINARS**

- Attend three (3) career readiness sites and one (1) college readiness site.
- Create at least one (1) activity/lesson relative to the information presented.
- Meet with team members to discuss lessons/activities and share information with colleagues. *If schedules permit, share information at SE MA STEM Network events.*

#### ***STEM Resource Fair for STEM Stakeholders***

***May 18, 2017 – 3-6PM – Bridgewater State University***

***Register at <http://www.connectsemass.org/stem/T>***

The PDP administrator for the district will verify that the Work Based Learning Seminar Series for Educators is consistent with the educational needs of the school and/or district, meets the district's PDP requirements, and supports individual professional development plans (IPDP). Professional development points (PDPs) for those that attend 3 career readiness sites and 1 college readiness site and submit required products are awarded by the district.

#### **11:30AM-12PM – Discuss Activity/Tour and Lesson/Activity**

- **Application** - How can what you learned be applied to the development of educational experiences that foster the development of skill sets of PreK-12 students need to succeed in college and in the workplace.
- **Integrating MA STE Practices – to which STE Practice(s) does the seminar most relate?**  
Practices: 1. Asking questions (for science) and defining problems (for engineering). 2. Developing and using models. 3. Planning and carrying out investigations. 4. Analyzing and interpreting data. 5. Using mathematics and computational thinking. 6. Constructing explanations (for science) and designing solutions (for engineering). 7. Engaging in argument from evidence. 8. Obtaining, evaluating, and communicating information.
- **How does the seminar link to one or more STEM majors?**  
Agriculture & Natural Resources · Architecture · Biological & Biomedical Sciences · Computer & Information Science · Engineering & Engineering Technology/Technicians · Health Professions & Clinical Science - Mathematics & Statistics · Mechanic/Repair Technician · Military Technology · Physical Sciences · Precision Manufacturing.

**For more Information, contact Katherine Honey, SE MA STEM Network Coordinator at [khoney@comcast.net](mailto:khoney@comcast.net).**

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