

AccuRounds

74 Bodwell St. - Avon, MA 02322

March 29, 2017 – 4-6:30PM

Learn how AccuRounds partners with local school districts, institutions of higher education and area businesses to advance STEM education and career and college readiness. Collaborative efforts include participating in career fairs, community STEM/STEAM events, the SE MA STEM Network Work-Based Learning Seminars for Educators, and the Envision the Future Program. Along with other local manufacturers, AccuRounds hosts Manufacturing Day/Month in October, when students, parents and educators can tour the facility and learn about advanced manufacturing. Discover more about resources that support your efforts, including classroom hands-on activities, internships, the AMP IT UP and Dream It Do It programs, and links to educational videos.

ACTIVITY	Given specifications for a product, create an engineering drawing. Use a 3D printer to produce the product.
TOUR	AccuRounds is a contract manufacturer that machines and assembles precision turned components for the medical, defense, aerospace, semiconductor and emerging technologies markets. See how employees collaborate to meet customer requests for surgical tools, orthopedic implants, bone screws, firing pins as well parts for energy systems (wind and solar), robotics, and biotechnology.
PRESENTERS	Michael Tamasi, President & CEO, Diane Ferrera - Director of Human Resources Peter Gill, Process Engineer.

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/>

- 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).
- The district will award professional development points (PDPs) to those that attend 3 career readiness sites and 1 college readiness site and submit required products.

6-6:30PM – Discuss Activity/Tour Assessment and Lesson/Activity

- **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.