

**Essex Technical High School
Hathorne, Massachusetts 01937**

Program Advisory Committee Minutes

Program: Advanced Manufacturing

Date: April 5, 2017

Members Present:

Instructors: Mike Leone, David Bailin, Richard Boucher

Parents: Bob Bisegna—Gillette LLC, Paul Hoff—Crystal Engineering

Students: Austin Bisegna, Satya Hoff

George Moriarty—Northern Essex CC, Mark Lyons—AET Labs, Marc Lapointe--Haas Machines, Wayne Spritz—AW Chesterton, Jason Vining—Salem Metal, Inc., Tony Risitano—Kenneth Crosby, Inc., Ralph Arabian—local machine shop

Program Facilitator, Committee Chair and General Advisory Committee Representative—Bill Marnik

Meeting Minutes

The meeting commenced at 7 PM.

Opening Comments

Dr. Heidi Riccio, the Director of CTE at Essex Tech, welcomed the Committee and gave an overview of current activities that are adding to the Advanced Manufacturing Program. Included in new equipment acquisitions is a new Plasma Cutter. Heidi introduced George Moriarty of NECC, who is part of a newly-formed team to make connections between Essex Tech and post-secondary institutions in Essex County.

At the end of her comments, Heidi led a small group out onto the Machine Shop to continue her discussion of new projects.

Frameworks Revision / Redesign of Program

Mike Leone led a discussion of an upcoming review of the Massachusetts Frameworks pertaining to Advanced Manufacturing. Mike stated that Essex Tech's program is still run under the Machine Tool Frameworks, and to be updated to Advanced Manufacturing, the Frameworks need to be reviewed, and added or removed as needed to match the new requirements and objectives to match the goals of Advanced Manufacturing.

Buying and Selling Machine Tools to match Current Needs

Mike Leone gave an overview of several machine tools that are in the process of being sold and / or traded in to give students a better opportunity to work on machine tools that are commonly used in local industry and also standard and educationally friendly.

In short, the following exchange is in the works:

- One Hanwa Swiss Turn Machine and (2) Hyundai Wia 380 I-Cut Mills will be traded for (1) Haas TM1P Mill and (1) Haas TL1 CNC Lathe.

Co-Op Placement Rates

Lisa Berube, the Cooperative Education Coordinator for Essex Tech, gave a brief overview of recent successes in placing Advanced Manufacturing students at local machine shops. The good news is employment opportunities exceed the number of students able to go out on Co-op. This situation is a credit to Lisa's advocacy for the students, and a reflection of the need for trained machinists in the local area.

Career and Technical Education Quality Assessment Tool

Bill Marnik led the group through a discussion of the Mass. DOE CTE Quality Assessment Tool gaging Community Involvement. Members of the Advisory Board were asked to evaluate our successes and areas of growth as a Board. Thirty five issues were discussed, and we responded to them and rated our progress.

Because we have so many new members and new instructors, the discussions were very insightful. Building consensus was a challenge, but we did our best concerning time constraints.

As a team, we agreed to meet again before the end of the academic year to discuss the state of the Advanced Manufacturing Program and areas where we can advise on its direction.

The meeting adjourned at 9:30 PM.

