



Manufacturing Advisory Committee

November 5, 2018

16101 Greenwood Ave N, Shoreline, WA 98133, Building 2500, room 2501A
3 – 4:30 p.m.

Minutes

Advisors Present: Sue Bradshaw, COE for Aerospace & Advanced Manufacturing
Tom Diehl, Klein Educational Systems
Kathryn Hammond, ACCRA Manufacturing
Christie Olsen, JEMCO
Travis Moore, JEMCO
Rick Rudnick, Boeing
Erin Williams, AJAC

Staff Present: Lauren Hadley, Acting Director, Manufacturing
Corey Ratner, Executive Director of Automotive/Advanced Manufacturing
Keith Smith, Faculty
Wanda Waldrop

Welcome and Introductions: (Rick chaired the meeting) The June 8, 2018, Manufacturing Advisory Committee Minutes were approved at the end of the meeting when a quorum was in attendance.

Revised Advisory Committee Handbook: Lauren Hadley

Lauren spoke briefly on how her position and the advisory committee handbook help show Shoreline's commitment to industry. The handbook helps in training. Shoreline listens to committee input to help graduate employable students. Lauren said the committee meetings are held three times a year; feel free to send a proxy if you are unable to attend the meeting. You can also invite colleagues to join the committee – for more details, contact Lauren. This year the committee will focus on the learning objectives of the Manufacturing classes and align those with what industry needs.

Mechatronics Dual Credit Program Pilot: Corey Ratner

Corey talked about partnerships with Boeing, Marysville School District, Shoreline Community College, North Seattle College, and Everett Community College to crosswalk curriculum at the high school level. The next meeting is in January on mechatronics and manufacturing.

Robotics/CNC Machining Curriculum: Keith Smith

Keith said that he wants to get the manufacturing curriculum to meet the needs of the industry partners on the council. He mentioned that manufacturing classes currently run three sections but one might get closed – enrollment is down fall quarter. Some discussion and general questions about demographics followed along with industry trends and thoughts on apprenticeships, internships, mechatronics, cyber-physical systems, machine tending robotics, etc. Corey mentioned that as we go forward we'll need to keep in mind the design of the new manufacturing building - anticipated groundbreaking is in 2019.

Tesla Automotive/Manufacturing/Clean Energy Partnership: Corey Ratner

Corey Ratner, Executive Director of Automotive and Manufacturing talked about Shoreline's partnership with Tesla. Tesla runs as a capstone ("end of other programs") in Automotive and is expanding into Clean Energy and Manufacturing.

Discussion – Program Review Finding #1 Keith Smith/All

Keith talked about Ed Phippen's audit last year. The findings of the report were sent out earlier. He said that it looked okay overall and mentioned math assessment, strengthening recruitment of women, and developing apprenticeship model. He then distributed a survey and asked for agreement or disagreement comments to help with the learning objectives and the MCO (Master Course Outline).

Two groups spent about 15 minutes going over the survey, regrouping, and discussing some of the items: Add ISO curriculum; add "safe" to the directive (Keith/Kathryn's group); where there is identical language, word the information so it shows the difference between the introduction and higher level. Keith said it was helpful feedback. He will update and send out for review before it goes forward to other steps of the MCO process such as Curriculum Committee review.

Adjournment: 4:30p

Upcoming Meetings:

January 22, 2019, 3 – 4:30 p.m. at JEMCO in Kirkland

June 13, 2019 – 12:30 – 2 p.m. Prior to Open House