



Shoreline Community College

16101 Greenwood Avenue North

Shoreline, WA 98133

Manufacturing/Machinist Advisory Committee

Meeting Notes

June 7, 2012

Attendees: Cliff Bergeson, Instructor – CNC Machinist Instructor – SCC
Michelene Felker – Career Navigator – SCC
John Goes – Ellison Technologies
Susan Hoyne – Academic Dean – SCC
Brian Keever, CNC Machinist Instructor – SCC
Jeff Purdy – Instructor – SCC
Joe Ship – Arrow Machining Co. Inc.
Keith Smith – CNC Machinist Instructor – SCC
Tom Stephenson – Royell Manufacturing

1. Greetings and Introductions

2. Manufacturing Consortium – Review and Committee Input - Michelene Felker

Michelene spoke about the Manufacturing Consortium and how that may positively affect our college. The committee stated that they still wonder “how we can be sure we are getting the top quality students?” How can we be sure that we are getting something extra for our input? Why would some pay into a/ or join a consortium if they can get these services for free? These are all things we are going to have to continue to discuss. Cliff made an example tri-fold pamphlet about the consortium and many found that to be “good looking” and helpful. Michelene also spoke about how committee members could continue to have positive influence in their communities and this program by participation in all/any respects. Not to mention that they have quality workers as they hire from Shoreline and will continue to do so as long as they attend.

3. Navigator’s Report – Review and Committee Input - Michelene Felker

Michelene also spoke regarding internships and how they remain popular. Internships continue to be the perfect avenue for students to use as a pathway to employment. Shoreline still has a high rate of internship enrollments and students are going to work! Connections made through the college by Michelene remain strong and numbers are growing. Some of this discussion grew into how difficult it can be to have internships centered on Master Cam and how expensive a programmer’s time can be. Tom Stephenson interjected and talked about his talented programmers and where they were coming from. Also where they got their skills and who best could visualize parts in 3-D. “Gamers’ have a great deal of skill and this is a wonderful discovery for Royell. “The way these guys visualize what they are doing is awesome” Tom said.

4. Minutes from 2-26-2012 were read and accepted

5. Machine Maintenance / Quality Assurance Program – Review and Committee Input – Susan Hoyne

Susan's reported that Shoreline Community College is attempting to acquire grant money from Department of Labor to fund a Quality Assurance and Machine Maintenance class. If Shoreline receives the grant, the Quality Assurance class would begin in spring of 2013. This grant will also be focused on training veterans including their spouses and children.

Another grant that Shoreline is pursuing is in conjunction with the University of Washington that has to do with Additive Manufacturing.

6. New Acquisitions – Review / Committee Input – Keith Smith

Keith announced that Shoreline Community College received a grant for about \$330,000 from the state to purchase new machines. A proposed list of 4 machines was discussed with the committee which included the following:

- 4 axis horizontal CNC mill
- Multi-axis CNC lathe
- 4 axis vertical CNC mill
- Bench top 5 axis CNC mill

It was noted that John Goes felt that we may find the 4 axis horizontal mill difficult to use as a teaching tool.

7. Adjourn