CNC ADVISORY COMMITTEE
MEETING MINUTES
Feb. 8, 2006

Present:
John Goes (Chair)  Mark Phillips
Keith Smith   Mike Fitzpatrick
Phil Savereux   Steve Mahalick
Norah Peters   Kathy Wyatt
Jay Bakst   Ken Gohr

1. WINTER ENROLLMENT REPORT – Phil Savereux reported that CNC program registration at SCC has doubled. There are now 10 full time students (8 of which are in Mfg 115, and 2 students working on the CBM. With a recent change in the number of credits offered, the program now receives 1.333 FTE’s per student. The class has been capped at 16 students and may be lowered to 12, depending on possible use of part of the machine lab for BOEING pre-employment training.

2. MANUFACTURING APPRECIATION WEEK (MAW) INFORMATION - MAW is a 4-year old annual event sponsored by the Kent Chamber of Commerce. During this week there is a legislative reception, a keynote luncheon at Emerald Downs, and an educational showcase, as well as other events.

The educational showcase will be held June 7th at the Museum of Flight in the Skyline Room. We are hoping to attract students, educators, parents and manufacturers. The purpose of the event is to present manufacturing as a viable career choice.

3. MARKETING COMMITTEE – The Center for Manufacturing Excellence has hired Pyramid Communications to start our marketing campaign. On January 17, Phyllis Eisen and Peggy Walton from NAM came to visit potential Dream It, Do It sponsors in Seattle, and have subsequently decided to include Washington as one of the next Dream It, Do It states. However, NAM has said that this campaign cannot be run by educators - it has to be industry-based. The CME is looking for a Director for this campaign and hopes to possibly “borrow” someone from industry whose sole responsibility will be to run it.

4. MANUFACTURING 115 – Before conversation about Mfg 115 began, Ken Gohr from Tyee Aircraft brought up a concern about a field trip that Keith had taken to ACCRA. He said that he had sponsored an employee to come to Keith’s class and was worried about losing that employee to other manufacturers. John Goes said that this “stealing” was becoming quite common these days and that he would like instructor’s to teach ethics in their classes. Some solutions to this “stealing” issue, during tours, and in general, are:
- Let the employer know that he will get a chance to talk to the available students after the tour.
- Make it known that the tour is not a hiring tool for the company.
- Create a message board in the classroom where available jobs can be posted.
- Come up with a policy concerning job openings.

John Goes stated that the CNC program will train more and more people who already have jobs and are being sponsored by their employers. It is necessary to have policies that state how companies may go about recruiting students.

Talk returned to the course review of MFG 115: Mike Fitzpatrick stated that he originally wrote the curriculum to “wrap around the previous teachers strengths” and since that teacher is no longer here, the curriculum will probably need to be revised. Keith stated that he has tweaked the curriculum a little and is now starting on the machines earlier. He like Mike’s curriculum partly because it forces the class to do the book work and stay on task.

1. Machine Technology – Lets the students learn through tactile experience. They learn how to sharpen a drill, tool maintenance and speed
2. Blue Print Reading – Interpret blueprints
3. Math – Picks up where CBM Math left off. They are just starting geometry and trigonometry.
4. Programming – Have started writing simple programs and are learning how to hand compile a program. Programming software available allows for simulated runs.

The goal is to turn out someone who can establish a tool, read a program and not be afraid of the machines.

5. MANUFACTURING 120 – Keith presented his ideas about how manufacturing120 builds on the 115 coursework. The group brainstormed additional ideas, including conversational programming, metallurgy, replicating previous set ups, and use of the sine plate and dial bore gages.

6. FUTURE CAPITAL EXPENSES. The committee discussed possible ways to use the $15,000 available for CNC equipment purchases. Ideas included dial bore gages, an optical comparator, and a profolometer.

7. NEXT MEETING. The feeling was that the next committee meeting should be in mid-to-late April. The committee chair and the Shoreline program people will propose a specific date.