

Curriculum Committee
December 4, 2008
Minutes
BSS 110 3:00 p.m.

Members present: Pat Pezzelle, Gregg Davis, George Shryock, Faith Hodges, Brenda Rudolph, Bill Roope, Kathy Hughes, Pete Wade, Janice Alexander, and Sue Justis.

Others present: Marlene Stoltz, Sharon Nau, Cindy Kiefer, Nancy Clawson, Brenda Hanson, Colleen Unterreiner, Joe Bortz, and Tom Jay.

Approval of November 13, 2008, minutes

The minutes were approved as read.

Action Items

Graduation Substitution Requirement Waiver request – APPROVED

Curriculum Submissions

- **ID 102** First Year Experience II (new course) – **APPROVED**

Sue Justis said that students had requested this course. They liked the first course so well, they wanted to repeat it. This course greatly increases students' chances for success. The catalog description is broad enough to apply to any discipline. Section numbers will determine the specific learning communities. Sue Justis moved to approve this course, and George Shryock seconded the motion. It passed unanimously.

- **JRNL 275** Journalism Internship (new course) – **APPROVED**

Carole Bergin explained the demand for this internship and that it is a way for students to gain experience. George Shryock noted that The University of Montana's Journalism School is accredited. Twelve credits can transfer to an accredited journalism school, but transferring FVCC's journalism credits has been an issue in the past. Carole will talk to Lowell Jaeger and Rob Breeding about approaching UM about articulation. The timing is right with the common course numbering/transfer initiative. Faith Hodges moved to approve, Carole Bergin provided the second, and the course was unanimously approved.

Industrial Machine Technology CNC Certificate of Applied Science (new certificate) – APPROVED THE CERTIFICATE, ALL COURSES BELOW, AND THE ADDITION OF THE TECHNOLOGY BENCHMARK IN MFGT 120

- **IT 160** Blueprint Reading and Interpretation for Machining (new course)
- **IT 177** Introduction to MASTERCAM (new course)
- **IT 178** Advanced CNC Programming in MASTERCAM (new course)
- **IT 179** Introduction to SOLIDWORKS Programming (new course)
- **MFGT 121** Introduction to HAAS CNC Lathe Operations (new course)
- **MFGT 122** Introduction to HAAS CNC Mill Operations (new course)
- **MFGT 128** HAAS CNC TM1 Lathe Operations (new course)
- **MFGT 129** HAAS CNC TM1 Vertical Mill Operations (new course)
- **MFGT 135** Precision Measurements (Manual & CNC) (new course)
- **MFGT 140** Machine Production Quality Control and Assurance (new course)

Bill Roope discussed the Industrial Machine Technology Computer Numerical Control (CNC) Certificate, which will qualify students to become CNC operators. Employers are hiring students and also supplying the adjuncts to teach the courses. The curriculum for the certificate was developed after studying the top four programs in the nation. Students have to pass each module with a rate of 100%. Both HAAS and MASTERCAM will provide national certifications, which are industry recognized, in machine operation and programming. The grant will provide money (up to \$5,000 for two semesters for tuition and books) to students with low to moderate income levels or who are unemployed. The

current lab fees are modest, due to Semitool and Sonju providing the college with their old tools and materials to cut. Lab fees may be higher in the future. HAAS machinery is very reliable and will update software and provide upgrades in approximately five years' time. Bill also stated that FVCC is the first college in the state of Montana to be awarded this grant; it is usually awarded to an industry. George Shryock moved to approve the Industrial Machine Technology CNC Certificate of Applied Science, all of the above-listed courses, and to add the technology benchmark to MFGT 120. Sue Justis seconded the motion, and it was unanimously approved.

Natural Resources AAS (revision to take out of moratorium) – **APPROVED THE REVISIONS TO TAKE THE AAS OUT OF MORATORIUM WITH COURSE PROFILES TO FOLLOW**

Natural Resources Certificate of Applied Science (new certificate) – **APPROVED AS A 30-CREDIT CERTIFICATE OF APPLIED SCIENCE WITH COURSE PROFILES TO FOLLOW**

Pete Wade explained the one-year Natural Resources certificate as being the same as the first year of the Natural Resources AAS. This allows flexibility for students who can change their minds either way after the first year. To transfer to a four-year school, they will need to take some additional general education courses. Pete said he, Kathy Hughes, and Pat Pezzelle recently attended a conference put on by Gov. Schweitzer, and they heard over and over again about the need for soils, restoration, GPS, and GIS. Pete said FVCC's courses address those needs. There is also an industry need for short-term training and many places are seeking AS credentialed individuals as opposed to employees with bachelor's degrees. Colleen Unterreiner discussed the two million dollar Community Job-Based Training Grant that she just submitted to the US Department of Labor, which includes restoration and heavy equipment. The grant would interface with FVCC's science classes, as well. Tom Jay spoke about the meeting with The University of Montana's Interim Dean of the College of Conservation and Forestry, Jim Burchfield, who came to the campus to meet with Joe Bortz, Pete, Tom, Brenda Hanson, and Kathy. It was a very positive meeting with a desire to share ideas and resources between the two school's programs. Faith Hodges moved to approve the revision to take the AAS out of moratorium and to approve the certificate of applied science as a 30-credit certificate, with course profiles to follow for both the AAS and the CAS. Sue Justis seconded the motion, and it was unanimously approved.

Discussion Items

- Transfer Councils – Dan Voermans asked Bill MacGregor about the possibility of slowing down the CCN/Transfer Initiative. Bill said everyone, especially administrators, have to speak out very strongly about the problems of moving too quickly through this. Updates are already appearing on the MUS Web site.