

Curriculum Committee Meeting Minutes
February 25, 2010
LRC-201

Present: Frances Cade, Judy Gerhart, Sean Maher, Mike Martin, Bo Myers, Jim Niessner, Judy Oleks, Judy Peisen and Nancy Thorpe. Absent: Sonja Barnes, Ann Clark, Marlys Palmer, LuAnn Fisher. Guests in attendance: M. Spivey, K. Hammond, J. Johnson and A. Valente.

Item #1 New Course Proposal NUR-229 The proposed new course title is Nursing Care of the Critically Ill Adult III. The students will experience complex critical care concepts and advanced technical skills. Students will take this course during their final semester – second 7.5 week term. The course will have a clinical component and will serve as a Capstone course for students. Credits were re-distributed from NUR-225 and NUR-229 to create this course. It was decided that all three courses need a new number due to the credit change. Committee supports the new course NUR-229 and the changes in credits to NUR-225 and NUR-227.

Item #2 New Course Proposal PHY-112 The proposal from the Math/Science/Engineering division details a new 3-credit course, as a General Education Science course and to be used in the Alternative Energy Technology Program (AET). Be sure the prerequisite is MAT-101 or MAT-114. It will serve as the General Education Science course. There is no lab component. Committee supports the new course PHY-112.

Item #3 New Course Proposal INT-111 The TCS division proposes the INT-111 course, Pump and Motor Operation and Maintenance, as part of the AET programs. Students will gain knowledge of the various pump designs, operation and maintenance. Committee supports the new course INT-111.

Item #4 New Course Proposal INT-113 The TCS division proposes the INT-113 course, Instrumentation and Process Control I, as part of the AET programs. Students will gain knowledge of the concept and application of typical process control systems. Committee supports the new course INT-113.

Item #5 New Course Proposal AET-101 The TCS division proposes the AET-101 course, Applied Mathematics for Technology, as part of the AET programs. Students will gain knowledge of applications from statics, dynamics, work, energy, and data analysis. This is a 1-credit course offered as an on-line format. Committee supports the new course AET-101.

Item #6 Program Modification AA.FLE and AA.FLA This proposal modifies the degree programs in Foreign Language by adding the ENG-214 Grammar to the Program Requirements and adjusting the credits in PR and Electives to maintain the requirement of 64 credits. In most cases this course will transfer as an elective. Committee supports the changes to the Foreign Language Program and the Foreign Language Education Program.

Item #7 New Course Proposal MAT-114 The proposal from the Math/Science/Engineering division details a new 3-credit course, as a General Education Mathematics course and will be utilized by the Alternative Energy Technology Program (AET). The course title is Introduction to Applied Algebra and is an applications-based course focusing on modeling and applications from multiple scientific disciplines. Committee supports the new course MAT-114.

Item #8 Course Change MAT-161 The Mathematics and Science Division proposes to change the title of MAT-161 Elementary Functions to Precalculus. This course is in fact Precalculus. Committee supports the changes to MAT-161.

Item #9 Course Change MAT-102 The proposal asks to change the prerequisite to be MAT-101. Currently students are allowed to be concurrently enrolled in MAT-101 and MAT-102 but those students not have experienced the total College Algebra course and have problems in MAT-102. Committee supports the changes to MAT-102.

Item #10 Course Inactivation MAT-104 and MAT-105 These course when offered have not run due to low enrollment. Neither one is part of any program of study. Committee supports the inactivation of MAT-104 and MAT-105.

Item #11 Course Change ADJ-102 The proposal requests to rename ADJ-102 to become Corrections in America. Committee supports the name change to ADJ-104.

Item #12 Course Change ADJ-104 The proposal requests to rename ADJ-104 to become American Law Enforcement. Committee supports the name change to ADJ-102.

Item #13 Course Change IST-261 The proposal requests to rename IST-261 to become Server Management I. Committee supports the name change to IST-261.

Item #14 Course Change IST-264 The proposal requests to rename IST-264 to become Server Management II. Committee supports the name change to IST-264.

Item #15 Course Change IST-267 This proposal asks to change the prerequisites. An understanding of specific operating system concepts is not necessary for success in IST-267. Remove the IST-260 and IST-261 as prerequisites. The division asks to add IST-154 or IST-155 as prerequisites and keep the IST-160 course as a prerequisite. Committee supports the changes to IST-267.

Item #16 Program Modification to the AA.GDT, AAS.GDT and CER.GDT programs. The TCS division proposes to remove GDT-217, Color, from these programs of study. In the Certificate the credits required will be reduced to 27 needed for completion. The AA.GDT option seeks to remove the course from Program Requirements and Electives – no impact on credits need for completion. The AAS.GDT program seeks to remove the course from the Program Requirements reducing the credits for completion to 65-66. The programs at other institutions are not requiring this course. Committee supports the changes to the Graphic Design degrees and certificate.

Item #17 Course Inactivation PHY-131/132 The proposal asks to make the Basic Physics sequence courses (PHY-131 and PHY-132) inactive. The MET students have been taking the General Physics courses instead of the Basic Physics courses. The Committee supports making PHY-131 and PHY-132 inactive.

Item #18 New Program in Alternative Energy Technology The TCS division proposes new programs dealing with Alternative Energy Technology. These programs will prepare students to enter the industrial/commercial/residential setting in the growing areas of renewable energy, i.e. solar, wind, and geothermal technologies. The proposal defines the AAS degree program and also defines the two Certificate programs. The new courses within these programs are discussed in Item

#19. After much discussion and review, the Committee endorses the new programs in Alternative Energy Technology, AAS.AET, CER.AESW and CER.AEGT. **This will need Board approval and submission to MHEC.**

Item #19 New Courses in Alternative Energy Technology Several new courses are proposed dealing with the new Alternative Energy Technology programs. AET-102 was already accepted as an experimental course offered this Spring 2010 semester. Enrollments are healthy. The specific energy topic courses will be offered next. These deal with Geothermal, Photovoltaic and Wind Energy. All courses are program requirements for the AAS degree and the Certificates require at least two of these courses. Committee supports adding the AET-102, AET-104, AET-106 and AET-108 courses to the inventory of courses offered by HCC.

Item #20 Course Modification INT-109 The TCS division is proposing a credit change to INT-109 Fundamentals of Electricity course. The credits will increase to 4 for the course. This change will permit this course to transfer to other institutions. Section meeting times will be increased to meet the MHEC contact to credit hour standard. Committee supports the credit change to INT-109.

Item #21 Program Modification CER.SDE. This item was continued from the January meeting. The certificate will now ladder into the degree as per the program modification form submitted by the TCS division. Committee supports the changes to the CER.SDE program.

When any item listed above was supported, there was a motion, a second and a vote following. All items supported received unanimous votes.

Next meeting will be held March 25, 2010 beginning at 2:30 PM in LRC-201.