

Engineering, Science, and Technology
Curriculum Subcommittee
Minutes (February 19th, 2015)

Subcommittee Chair: Tom Vasko (Engineering)

Subcommittee Secretary: Betsy Dobbs-McAuliffe (Biomolecular Sciences)

Members present:

Ruth Rollin (Biology), Betsy Dobbs-McAuliffe (Biomolecular Sciences), Xiabing Hou (Computer Electronics and Graphics Technology), Chad Williams (Computer Science), Paul Karpuk (Curriculum Committee chair), Tom Vasko (Engineering), Talat Salama (Manufacturing and Construction Management), Bob Emiliani (Manufacturing and Construction Management), Marian Anton (Mathematical Science), James DeLaura (Technology and Engineering Education)

Meeting Called to Order at 12:20 pm by T. Vasko.

III. New Business

Accounting

5. Course revision: AC 301 Cost Management Systems
Change prerequisites to “STAT 201 (may be taken concurrently), AC 212 (both with a C- or higher) and admission to the upper division of the Business School.
6. Program revision.
In the admissions requirements replace STAT 201 with MC 207.
(5 and 6 were deferred to the main meeting. Clarify can a course that is taken concurrently have a minimum grade requirement)

Engineering

13. Course Revision: ME 216 Manufacturing Engineering Processes
Amendment of prerequisite change, “ENGR 150 (C- or higher); ME 217 to be taken concurrently
14. Course Addition: ME 217 Manufacturing Engineering Processes Lab
Amendment of prerequisite change, “ENGR 150 (C- or higher); ME 216 to be taken concurrently
15. Program Revision: B.S. in Mechanical Engineering
(13, 14, 15 approved as a package, as amended, Vasko / Karpuk)

Manufacturing and Construction Management

16. Course Addition: TM 426 Applied Metrology
(deferred to main meeting, possible overlap with ETM 340 and changes in course enrollment in ETM 340 will be discussed with Engineering prior to the main meeting)

17. Course Revision: TM 562 Supply Chain Strategy
(approved, Karpuk/Dobbs-McAuliffe)
18. Program revision: M.S. in Technology Management
(approved, Karpuk / Salama)

Mathematical Sciences

19. Course Revision: Math 313 Number Systems from an Advanced Viewpoint
20. Course Revision: Math 426 Student Teaching Seminar
(19 and 20 approved as a package, Vasko / Dobbs)
21. Course Addition: MATH 510 Mathematics through Technology
Amended language for course description, “Designed for inservice teachers certified to teach elementary and middle school grades. A mathematics content and pedagogy course with focus on technology in the teaching and learning of mathematics. Uses Common Core State Standards - Math and the International Society of Technology and Education (ISTE) Standards. No credit given to students with credit for MATH 409.”
(approved, Karpuk/Williams)
22. Program Revision: M.S. in Mathematics for Certified Elementary Teachers
(deferred to Graduate Studies subcommittee, Dobbs/Karpuk)

Technology-Engineering-Education

23. Course Revision: TE 245 Building Design and Construction
24. Course Revision: TE 399 Teaching Technology & Engineering (K-12)
25. Course Revision: TE 400 Professional Practices and Responsibilities in Technology
(approved, Karpuk/DeLaura)

Respectfully Submitted,
Betsy Dobbs-McAuliffe (Biomolecular Sciences)