Minutes
Campus Curricula Committee Meeting
January 5, 2010 Meeting
3:15 p.m. Room 117 Fulton Hall

Approval of December 1, 2009 minutes.

Jerry Bayless, Barry Flachsbart, Irina Ivliyeva, Ray Luechtefeld, Keith Nisbett, Daniel
Tauritz, and Jennifer Thorpe attended the meeting.

Review of submitted CC forms:
CC 7888, Engineering Management 345, Energy Management Engineering. The
following changes are approved effective Fall 2010.
Course Title – Proposed: Energy and Sustainability Management Engineering
Catalog Description – Proposed: This course explores strategic processes and partnership
    required for the management of sustainable energy infrastructures and innovation in
    energy systems. Topics relate to renewable energy, energy efficiencies, energy
    conversion, energy technology, and economic efficiency of energy sources.
Prerequisite – Present: Eng Mgt 209
              Proposed: Senior or Graduate Standing

CC 7889, Systems Engineering 468, Systems Engineering Analysis II. The following
change is approved effective Spring 2010.
Co-listing: Removing Eng Mgt 468

CC 7890, Systems Engineering 469, Systems Architecting. The following change is
approved effective Spring 2010.
Co-listing: Removing Eng Mgt 469

CC 7891, IDE 105, Design Representations. Course deletion approved effective Spring
2010.

CC 7892, IDE 106, Design Perceptions. Course deletion approved effective Spring 2010.

CC 7893, IDE 101, Special Topics. Course deletion approved effective Spring 2010.

CC 7894, IDE 200, Special Problems. Course deletion approved effective Spring 2010.

CC 7895, IDE 201, Special Topics. Course deletion approved effective Spring 2010.

CC 7896, IDE 203, Technology in Elementary Education. Course deletion approved effective Spring 2010.

CC 7897 IDE 301, Special Topics. Course deletion approved effective Spring 2010.

CC 7898, IDE 342, Introduction to Solar Car Design. Course deletion approved effective Spring 2010.

CC 7899, IDE 400, Special Problems. Course deletion approved effective Spring 2010.

CC 7900, IDE 401, Special Topics. Course deletion approved effective Spring 2010.

CC 7901, IDE 420, Modern Product Design. Course deletion approved effective Spring 2010.

CC 7902, IDE 427, Function-based Risk Analysis, Course deletion approved effective Spring 2010.

CC 7903, IDE 490, Research. Course deletion approved effective Spring 2010.

CC 7904, IST 443, Information Retrieval and Analysis. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 345
            Proposed: IST 223 or equivalent relational database experience.

CC 7905, IST 243, Systems Analysis. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 141, preceded or accompanied by IST 223
            Proposed: IST 223

CC 7906, FIN 350, Corporate Finance II. The following change is approved effective Fall 2010.
Prerequisite – Present: Finance 250
            Proposed: Fin 250 or Eng Mgt 147 or Eng Mgt 252

CC 7907, IST 286, Web and Digital Media Development. The following changes are approved effective Fall 2010.
Credit Hours – Present: 1.5 hour lecture, 1.5 hour lab, Total: 3
            Proposed: 3 hour lecture
Prerequisite – Present: IST 151
            Proposed: IST 50

2

CC 7908, FIN 360, Investments I. The following change is approved effective Fall 2010.
Prerequisites – Present: Finance 250
               Proposed: Fin 250 or Eng Mgt 147 or Eng Mgt 252

CC 7909, IST 321, Network Performance Design and Management. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 233 or IST 336
               Proposed: IST 223, IST 233

CC 7910, IST 151, Implementing Information Systems: Data Perspective. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 51
               Proposed: IST 51 or Comp Sci 53 or Comp Sci 73 or Comp Sci 74

CC 7911, IST 357, Econ 357, Network Economy. The following changes are approved effective Fall 2010.
Catalog Description – Proposed: Emerging Network/Internet economy, using traditional economics tools. Topics: production and reproduction cost of information, information as an "experience good," versions of products, switching cost, lock-in effects, market adoption dynamics, first-mover advantage, intellectual property rights.
Prerequisites – Present: Econ 221
               Proposed: Econ 121 or Econ 122

CC 7912, IST 231, Computing Internals and Operating Systems. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 151
               Proposed: IST 151 or Comp Sci 153

CC 7913, IST 233, Introduction to Telecommunications Networks. The following change is approved effective Fall 2010.
Prerequisite – Present: IST 151
               Proposed: IST 151 or Comp Sci 153

CC 7914, ML 110, British Life & Culture. Withdrawn and returned to dept.

CC 7919, Bus 330, Foundations of Sustainable Business. New course effective Fall 2010 pending approval of Graduate Certificate.
Catalog Description: An introduction to sustainability, this course examines the concept of environmental issues in a business context. Principles, processes, and practices of sustainable business will be explored through a wide range of case studies.
Credit Hours: 3 hour lecture
Prerequisites: Junior, Senior, or Graduate standing.

CC 7920, Bus 440, Business Innovation for Sustainability. New course effective Spring 2011 pending approval of Graduate Certificate.
Catalog Description; This course provides a platform for students to focus on a variety of environmental sustainability issues and culminates in a business proposal for an ethical, sustainable, and profitable venture for a new or existing business, non-profit, or governmental organization.
Credit Hours: 3 hour lecture
Prerequisite: Bus 330

CC 7935, Mechanical 461, Modern Product Design. The following change is approved effective Spring 2010.
Co-listing: Removing IDE 420

CC 7936, Systems Engineering 427, Function-Based Risk Analysis. The following change is approved effective Spring 2010.
Co-listing: Removing IDE 427

Review of submitted EC forms:
EC 2226, Philosophy 201, Ancient and Medieval Philosophy, approved effective Summer 2010.
Course Description: The class begins with the Pre-Socratics before covering Socrates, Plato, Aristotle, Augustine, Aquinas and the major schools of thought during these eras. The two studies are a natural complement of each other and provide a strong foundation in philosophical history.
Credit Hours: 4 hour lecture
Prerequisite: None

EC 2227, Philosophy 201, Modern Philosophy, approved effective Summer 2010.
Course Description: The re-awakening of Europe from the Dark and Middle ages brings
with a change in the focus of philosophy. Epistemology or the study of knowledge
and belief justification replaces metaphysics as first philosophy, rationalism and
empiricism, will be extensively explored.
Credit Hours: 3 hour lecture
Prerequisites: None

EC 2228, Business 301, Foundations of Sustainable Business, approved effective Fall
2010.
Course Description: An introduction to sustainability, this course examines the concept of
environmental issues in a business context. Principles, processes, and practices of
sustainable business will be explored through a wide range of case studies.
Credit Hours: 3 hour lecture
Prerequisites: Junior, Senior, or Graduate standing

EC 2229, Business 401, Business Innovation for Sustainability, approved effective Fall
2010.
Course Description: This course provides a platform for students to focus on a variety of
environmental sustainability issues and culminates in a business proposal for an
ethical, sustainable, and profitable venture for a new or existing business, non-
profit, or governmental organization.
Credit Hours: 3 hour lecture
Prerequisites: Bus 330 or equivalent

New Business:
The committee considered the Provost's proposal for a Special Program for a
Sustainability Minor, which had been referred to the committee by the Faculty Senate.
The committee voted to recommend approval.

The meeting adjourned at 4:25 p.m. The next meeting will be Tuesday February 2, 2010
at 3:15 p.m. in 117 Fulton Hall.

_____

J. Keith Nisbett, Chair
Missouri S&T Campus Curricula Committee

5