

**Minutes****Campus Curricula Committee Meeting**

November 2, 2010

3:20 p.m. Room 117 Fulton Hall

Barry Flachsbart, Scott Grasman, Angie Huffman, Irina Ivliyeva, Keith Nisbett, Daniel Tauritz, and Jennifer Thorpe attended the meeting.

Approval of October 5, 2010 minutes.

**Review of submitted DC forms:**

DC 0371, Ceramic Engineering, Bachelor of Science, approved effective Fall 2011. A proposal to modify the current curriculum for the Bachelor of Science in Ceramic Engineering.

DC 0372, Metallurgical Engineering, Bachelor of Science, approved effective Fall 2011. A proposal to modify the current curriculum for the Bachelor of Science in Metallurgical Engineering.

DC 0373, Explosives Engineering, Master of Science, approved effective Fall 2011. A proposal to create a Master of Science with a non-thesis option.

**Review of submitted CC forms:**

CC 8066, Environmental Engineering 263, Chemical Fundamentals of Environmental Engineering. The following change is approved effective Spring 2011.

Prerequisite – Present: Chem 3, Physics 23, Math 22

Proposed: Chem 3 or Geo 275; Physics 23, Math 22

CC 8067, History 331, Nazi Germany and the Holocaust. New course approved effective Spring 2011.

Catalog Description: This course focuses on the rise of Nazism and its consequences for politics, society, and culture in Europe. The period's history will be examined from the perspective of perpetrators, victims, and bystanders with emphasis on the Holocaust and its legacy.

Credit Hours: 3 hour lecture

Prerequisites: History 112

CC 8068, Engineering Management 309, Six Sigma. The following change is approved effective Spring 2011.

Prerequisites – Present: Eng Mgt 375

Proposed: Stat 213 or Stat 215, or graduate standing

CC 8069, Engineering Management 411, Human Systems Integration. New course approved effective Spring 2011.

Catalog Description: This course considers Human Systems Integration (HSI) in a variety of applications including systems acquisition and training, HSI tools, techniques, and procedures.

Credit Hours: 3 hour lecture

Prerequisites: Eng Mgt 311 or Psych 311

CC 8076, Business 10, Introduction to College Success I. The following change is approved effective Fall 2011.

Credit Hours – Present: 0.5 hour lecture

Proposed: 0.5 hour lab

CC 8077, Business 11, Introduction to College Success II. The following change is approved effective Spring 2011.

Credit Hours – Present: 0.5 hour lecture

Proposed: 0.5 hour lab

CC 8078, ERP 442, Customer Relationship Management in ERP Environment. The following change is approved effective Fall 2011.

Prerequisites – Present: ERP 345

Proposed: ERP 345 or ERP 444 or IST 444

CC 8079, ERP 448, Enterprise Performance Management System Prototyping. The following change is approved effective Fall 2011.

Prerequisites – Present: ERP 345

Proposed: ERP 444 or IST 444

**Review of submitted EC forms:**

EC 2284, English 201, Fiction Writing, approved effective Spring 2011.

Course Description: Workshop course in which students write short fiction. Reading and detailed discussion of stories in anthologies is required. Designed to teach the student the fundamental techniques of fiction.

Credit Hours: 3 hour lecture

Prerequisites: English 20 or equivalent

EC 2285, English 301, Critical Animal Studies in Literature and Film, effective Spring 2011.

Course Description: In readings ranging from *Lassie* to *Silence of the Lambs*, this class examines representations of animals, animality, and human-animal relations in Hollywood movies, children's literature, highbrow literature, and "nature" documentaries from a critical animal studies perspective.

Credit Hours: 3 hour lecture

Prerequisites: English 20 and one semester of college literature

EC 2287, Aerospace Engineering 401, Advanced Astrodynamics, approved effective Spring 2011.

Course Description: Analysis of spacecraft motion using different dynamic models and perturbations. Using the state transition matrix and differential corrections technique for trajectory computation. Orbit determination and station keeping methods. Introduction to the three-body problem. Application of computational and analytic methods to solve astrodynamical problems.

Credit Hours: 3 hour lecture

Prerequisites: AE 314

EC 2288, Psychology 301, Psychology in Media, approved effective Spring 2011.

Course Description: An exploration of psychological theories, phenomena, and concepts as illustrated in television, movies, music, literature, art, and the world-wide web.

Credit Hours: 3 hour lecture

Prerequisites: Psychology 50

EC 2289, English 201, The Other Creatures - Animals in Literature, approved effective Spring 2011.

Course Description: Course is a study of the extensive literature devoted to the mystery of the other creatures with whom we share the earth and which have endlessly fascinated writers – the first poem extant written in the Irish language, for example, is a monk's poem about his cat. Course will study animal poems extensively as well as prose – Sarah Orne Jewett's "A White Heron", Faulkner's "The Bear", chapters from *All Creatures Great and Small*, and more.

Credit Hours: 3 hour lecture

Prerequisites: English 20 and a semester of college literature

EC 2290, History 301, Twentieth - Century War and Gender in Europe, approved effective Spring 2011.

Course Description: This course explores men and women's experiences in France and Germany between 1914 and 1945. Ideas about society changed in the twentieth century due to war, these changes were reflected in politics, and changed relationships between men and women.

Credit Hours: 3 hour lecture

Prerequisites: History 112

EC 2291, Systems Engineering 301, Physical Artifact Development and Validation, approved effective Spring 2011.

Course Description: This course focuses in the validation and verification of a detailed system design. Through the use of simulation, analysis, and economic feasibility a system will be assessed. Students will focus on deriving and manufacturing a real system artifact from the detailed design.

Credit Hours: 3 hour lecture

Prerequisites: Instructor's Approval

EC 2292, French 301, Contemporary French Cinema, approved effective Spring 2011.

Course Description: This course, taught in French, will introduce students to contemporary French cinema. The required films, readings, lectures, and discussions will deepen students' understanding of contemporary French culture and strengthen their language abilities in French.

Credit Hour: 3 hour lecture

Prerequisites: French 170 or equivalent

EC 2296, Theatre 301, Improvisational Acting, approved effective Spring 2011.

Course Description: An alternative to Acting II, Improvisational Acting serves to extend the skills of the actor into a more advanced form via improvisational methods. As in Acting II, Shakespearean, French Renaissance, and Comedia Del Arte will be studied, but performance will be improvisational, rather than memorized. The course will conclude with a performance for the public.

Credit Hours: 1 hour lecture, 2 hour lab

Prerequisite: Theatre 141 or equivalent

### **Review of Tabled Items:**

EC 2268, Education 301, Improving Student Achievement in Elementary Mathematics, effective Spring 2011. **Return to department**

EC 2269, Education 301, Differentiated Instruction, effective Spring 2011. **Return to department**

EC 2270, Education 301, Transition from School to Post Secondary Placement, effective Spring 2011. **Return to department**

EC 2271, Education 301, Reaching Students From Poverty, effective Spring 2011.  
**Return to department**

EC 2286, Philosophy 201, Ancient and Medieval Philosophy, approved effective Summer 2011.

**Items Still Tabled:**

CC 8004, Aerospace Engineering 319, Advanced Thermodynamics. **Tabled**

**New Business:**

The Campus Curricula Committee usually holds an election for its chair at the beginning of the fall semester. Due to delays in the transition to new DSCC chairs, the election had been postponed until now. At the Campus Curricula Committee meeting today, Daniel Tauritz was elected chair of the committee, effective immediately.

The meeting adjourned at 4:22 p.m. The next meeting will be December 8, 2010 at 11 a.m. in 117 Fulton Hall.

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Daniel Tauritz, Chair  
Missouri S&T Campus Curricula Committee

