

**Minutes****Campus Curricula Committee Meeting****August 17, 2010 Meeting****9:00 a.m. Room 117 Fulton Hall**

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

**Review of submitted EC forms:**

EC 2252, Mechanical Engineering 301, Signal processing for Instrumentation and Control. Approved effective Fall 2010.

Course Description: The course presents fundamental techniques for analysis and processing of experimental data and real-time signals. Continuous- and discrete-time development of signal spectra, Fourier Transform, convolution, filter design, and system identification. The emphasis is on practical problems that arise in instrumentation and control applications.

Credit Hours: 3 hour lecture

Prerequisites: math 204; ME 211 or permission of instructor for non-ME majors.

EC 2259, Biological Sciences 401, Microbial Genetics. Approved effective Fall 2010.

Course Description: A study of the mechanisms of the control of gene expression, genetic modification and evolution of microorganism. The course will examine applications of the principles of microbial genetics in genetic engineering and synthetic biology through analysis of the classic and current literature in the field. Students will be required to prepare presentations.

Credit Hours: 3 hour lecture

Prerequisites: Biological Sciences 221

EC 2273-2276 did not make campus circulation due to not being approved by the DSCC committee in time. Therefore, these forms will be on the September agenda for the Curricula Committee meeting.

The next meeting will be Tuesday September 7, 2010 at 3:15 p.m. in 117 Fulton Hall.

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