



TO: Faculty Senate  
 FROM: Mark Jackson, Chair of the University Curriculum Committee  
 Date: 11/26/2012

On November 7, the Curriculum Committee met and approved the following items. On behalf of the Curriculum Committee, I submit these items for the approval of the Faculty Senate at its meeting on Monday, October 8.

**Minor Changes:**

1. SW 227 Human Behavior and the Social Environment 3
  - a. Change cycling pattern (**delete Spring only**)
2. SW 360 Generalist Social Work Practice with Individuals and Families 3
  - a. Change cycling pattern (**delete Fall only**)

<b>Management</b>		
<b>1.1</b>	<p><b>Course Revision:</b> <u>MGT 295 Fundamentals of Management and Organizational Behavior</u></p> <p>Change prereqs from “ENG 110 or ENG 202 with a grade of C- or higher and sophomore standing” to “ENG 110 or ENG 202 or HON140 with a grade of C- or higher and sophomore standing”</p> <p>HON140 is taken by honors students in place of ENG110. This change allows honors students to take this course without seeking special approval.</p>	<b>Bus</b>
<b>1.2</b>	<p><b>Course Revision:</b> <u>MGT 448 Managing Strategy and Operations</u></p> <p>Remove MGT 348 and MIS 201 from prereqs, change from senior standing to junior standing</p> <p>This change allows more flexibility in students' scheduling. Instructors teaching this course feel the deleted preqs are not needed.</p>	<b>Bus</b>

1.3	<p><b>Course Revision:</b> <u>Mgt 473 Organizing and Managing for Innovation</u></p> <p>Removes the prereq of MGT 345 to allow more flexibility in student scheduling. After several years of teaching the course, the instructor feels MGT345 is not required</p>	Bus
<b>Manufacturing and Construction Management</b>		
2.1	<p><b>Course Addition:</b> <u>CM 535 Sustainable Buildings</u></p> <p>Change description and cycling to read:</p> <p style="padding-left: 40px;">Sustainable design and construction goals, processes, and strategies with a focus on larger commercial and institutional buildings. Designing and constructing sustainable buildings not only benefits the environment, it also makes good business sense. Fall Even</p>	SET, GR
2.2	<p><b>Course Revision:</b> <u>ETC 405 Applied Structural Systems</u></p> <p>Change Descriptor and number to CM 425</p>	SET GR
2.3	<p><b>Course Addition:</b> ROBO 260 Programmable Controllers 3</p> <p>Prereq: ROBO 110</p> <p>A study of programmable controllers for motion and process control. The use of sequential flow chart ladder logic and state logic is included. Two hours of lecture and two hours of lab per week. Spring</p> <p>Explanatory note: Required course by ABET</p>	SET
2.4	<p><b>Course Revision:</b> ROBO 330 Fluid Power Systems</p> <p>Change description to read:</p> <p style="padding-left: 40px;">Study of the design and fabrication of fluid-based power systems,</p>	SET

	including hydraulics and pneumatics. Study includes fluid statics and dynamics, Bernoulli equation, momentum, energy, different types of flow, pipe and open channel flow, pumping systems, actuators and valves. Two hours of lecture and two hours of lab per week. Fall	
<b>2.5</b>	<p><b>Course Revision:</b> ROBO 350 Applied Control Systems I</p> <p>Add ROBO 260 to current prereq list (ROBO 260, ROBO 310 and Math 221)</p> <p>Explanatory note: Prerequisite is added to better comprehend course contents</p>	<b>SET</b>
<b>Mechanical Engineering</b>		
<b>3.1</b>	<b>Course Addition:</b> <u>ME 470 Engineering Biomechanics</u>	<b>SET</b>
<p>ENGR 252 (Dynamics) and ENGR 257 (Mechanics of Materials)</p> <p>Analysis of musculoskeletal joint loading during static and dynamic human activities, biomechanical force-motion analysis, energy and power transfer, theoretical models of viscoelasticity, structural/functional relationships, and stress/strain analysis of human tissues including bone, cartilage, and tendons</p>		
<b>3.2</b>	<b>Course Revision:</b> <u>ME 483 Aerodynamics</u>	<b>SET</b>
<p>Change description to read:</p> <p>Basics of compressible flows. Reviews potential flow theory, viscous effects, and compressibility effects. Theory and design of aerodynamic bodies. Investigates subsonic, transonic, and supersonic airfoils. Computer simulation. Requires aerodynamic design project. Two hours lecture and two hours laboratory per week. Spring</p> <p>Explanatory note: Adds a lab component to the course for students to gain practical application of the theory. 2 hr lecture and 2 hr lab. Total credits remain 3.0</p>		
<b>Social Work</b>		

4.1	<p><b>Course Revision:</b> <u>SW 226 Social Welfare Policy and Services I</u></p> <p>Add "SW 100" to prereqs</p> <p>Add "Pre-Social Work majors only" to description</p> <p>Explanatory note: Social Work program has always implied pre-social work majors only based on prerequisites required. The changes now make it more transparent to students.</p>	SEPS
4.2	<p><b>Course Revision:</b> <u>SW 362 Generalist Social Work Practice with Organizations and Communities</u></p> <p>Add "and admission to Social Work major" to prereqs</p>	SEPS
4.3	<p><b>Course Revision:</b> <u>SW 368 Human Behavior and the Social Environment II</u></p> <p><b>Change description to read:</b></p> <p>Using ecosystems framework provides the perspective to examine macro systems. Special attention given to the impact of human diversity, globalization, discrimination, and oppression in the context of these social systems</p>	SEPS
4.4	<p><b>Course Revision:</b> <u>SW 374 Introduction to Social Work Research</u></p> <p>Add "and admission to Social Work major" to prereqs</p> <p><b>Change description to read</b></p> <p>Research knowledge, values and skills essential for beginning social work research practice. Application of scientific method in social work research, hypothesis testing, research design, sampling, data collection techniques, and ethical issues germane to social workers including evidence based research practice. Quantitative and qualitative design, the problem-solving model, a research proposal applicable to social work research will be developed</p>	SEPS
4.5	<p><b>Course Revision:</b> <u>SW 426 Social Welfare Policy and Services II</u></p>	SEPS

	Add "and admission to Social Work major" to prereqs	
4.6	<p><b>Course Revision:</b> <u>SW 436 Health and Social Work</u></p> <p>Remove "or permission of the instructor" from prereqs and add "and admission to Social Work major"</p>	SEPS
4.7	<p><b>Course Revision:</b> <u>SW 437 Child Welfare I</u></p> <p>Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs</p>	SEPS
4.8	<p><b>Course Revision:</b> <u>SW 438 Child Welfare II</u></p> <p>Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs</p>	SEPS
4.9	<p><b>Course Revision:</b> <u>SW 440 Social Work Practice with African Populations</u></p> <p>Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs</p>	SEPS
4.10	<p><b>Course Revision:</b> <u>SW 441 Social Work Practice with Latinos</u></p> <p>Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs</p>	SEPS
4.11	<p><b>Course Revision:</b> <u>SW 442 The Social Consequences of Immigration</u></p> <p>Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs</p>	SEPS
4.12	<p><b>Course Revision:</b> <u>SW 450 Field Education Experience I</u></p> <p>Add "and admission to Social Work major" to prereqs</p> <p><b>Change description to read:</b> Placement in a social work agency in the community for a minimum of 200 hours. Students are engaged in social work roles and activities to develop generalist practice skills, values, and knowledge. Must be</p>	SEPS

	taken concurrently with SW 451.	
4.13	<p><b>Course Revision:</b> <u>SW 451 Field Education Seminar I</u></p> <p>Add "and admission to Social Work major" to prereqs</p> <p><b>Change description to read:</b> Shared learning experience among all students placed in a community social work agency to provide an opportunity for information exchange in depth. Case processes and agency analysis are required. Social work philosophies, values, and ethics in the social service delivery system are reinforced. Relevant readings, assignments, and projects to help students integrate theory, values, and ethics with practice. Must be taken concurrently with SW 450.</p>	SEPS
4.14	<p><b>Course Revision:</b> <u>SW 452 Field Education Experience II</u></p> <p>Add "and admission to Social Work major" to prereqs</p> <p><b>Change description to read:</b> Continued placement in a social work agency in the community for a minimum of 200 hours. Students are engaged in social work roles and activities to develop generalist practice skills, values, and knowledge. Must be taken concurrently with SW 453.</p>	SEPS
4.15	<p><b>Course Revision:</b> <u>SW 453 Field Education Seminar II</u></p> <p>Add "and admission to Social Work major" to prereqs</p> <p><b>Change description to read:</b> Shared learning experience among all students placed in a community social work agency to provide an opportunity for information exchange in depth. Evaluation of practice and organized community outreach in the social service delivery system are reinforced. Relevant readings, assignments, and projects help students integrate theory, values, and ethics with practice. Must be taken concurrently with SW 452.</p>	SEPS
4.16	<p><b>Course Revision:</b> <u>SW 478 Current Topics in Social Work</u></p> <p>Remove "permission of instructor" and add "and admission to Social Work major" to prereqs</p>	SEPS

<b>Teacher Education</b>		
<b>5.1</b>	<b>Course Revision:</b> <u>EDSC 425 Principles of Secondary Education</u> Add d-designation for Werblow's sections	<b>SEPS,</b> <b>GE</b>
<b>5.2</b>	<b>Course Revision:</b> <u>EDTE 314 Applied Learning Theories (K-12 Programs)</u> Add d-designation for Werblow's sections	<b>SEPS,</b> <b>GE</b>
<b>5.3</b>	<b>Course Revision:</b> <u>EDTE 316 Principles of Learning (Sec/K-12)</u> Add d-designation for Werblow's sections	<b>SEPS,</b> <b>GE</b>