TO: All Members, University Curriculum Committee; Department Chairs
FROM: Mark Jackson, Chair, University Curriculum Committee
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SUBJ: Consent Agenda for 2nd Round of Curriculum Meetings (Nov 7)

Approve minutes of previous meeting

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**)

New Business

A. Consent Agenda

Management		
1.1	**Course Revision:** MGT 295 Fundamentals of Management and Organizational Behavior 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" HON140 is taken by honors students in place of ENG110. This change allows honors students to take this course without seeking special approval.	**Bus**
1.2	**Course Revision:** MGT 448 Managing Strategy and Operations Remove MGT 348 and MIS 201 from prereqs, change from senior standing to junior standing This change allows more flexibility in students' scheduling. Instructors	**Bus**

	teaching this course feel the deleted preqs are not needed.	
1.3	**Course Revision:** Mgt 473 Organizing and Managing for Innovation 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	**Bus**
Manufacturing and Construction Management		
2.1	**Course Addition:** CM 535 Sustainable Buildings 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	**SET, GR**
2.2	**Course Revision:** ETC 405 Applied Structural Systems Change Descriptor and number to CM 425 The course is only used in the CM BS and CM MS degree programs. The only students who have taken it in the last 6 years are CM students. The only professors who have ever taught the course are from the CM program ETC identifier is being phased out	**SET** **GR**
2.3	**Course Addition:** ROBO 260 Programmable Controllers 3 Prereq: ROBO 110 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 Required course by ABET Overlap with CET 453?	**SET**
2.4	**Course Revision:** ROBO 330 Fluid Power Systems	**SET**

	Present description: A study of the Design and fabricate fluid-based power systems, including hydraulics and pneumatics. Two hours of lecture and two hours of lab per week. **Proposed description:** Study of the design and fabrication of fluid-based power systems, 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	
2.5	**Course Revision:** ROBO 350 Applied Control Systems I Add ROBO 260 to current prereq list (ROBO 260, ROBO 310 and Math 221) Prerequisite is added to better comprehend course contents	**SET**
Mechanical Engineering		
3.1	**Course Addition:** ME 470 Engineering Biomechanics	**SET**
ENGR 252 (Dynamics) and ENGR 257 (Mechanics of Materials) 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		
3.2	**Course Revision:** ME 483 Aerodynamics	**SET**
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 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		
Social Work		

4.1	**Course Revision:** SW 226 Social Welfare Policy and Services I Add "SW 100" to prereqs Add "Pre-Social Work majors only" to description Social Work program has always implied pre-social work majors only based on prerequisites required. The changes now make it more transparent to students.	**SEPS**
4.2	**Course Revision:** SW 362 Generalist Social Work Practice with Organizations and Communities Add "and admission to Social Work major" to prereqs Social Work program has always implied work majors only based on prerequisites required. The changes now make it more transparent to students	**SEPS**
4.3	**Course Revision:** SW 368 Human Behavior and the Social Environment II **Current description**: "The ecosystems framework provides the framework to examine systems of all sizes; families, groups, organizations, and communities. Special attention given to the impact of human diversity, discrimination, and oppression in the context of these social systems." **Proposed description**: "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"	**SEPS**
4.4	**Course Revision:** SW 374 Introduction to Social Work Research Add "and admission to Social Work major" to prereqs **Current description**: Research knowledge and skills essential for beginning social work practice. Theory of social research, hypothesis testing, research design, sampling, data collection techniques, and ethical issues germane to social workers. Quantitative and qualitative research and the problem-solving model, associated with a research proposal applicable to social work practice, will be developed. **Proposed description**: Research knowledge, values and skills essential for	**SEPS**

	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	
4.5	**Course Revision:** SW 426 Social Welfare Policy and Services II Add "and admission to Social Work major" to prereqs	**SEPS**
4.6	**Course Revision:** SW 436 Health and Social Work Remove "or permission of the instructor" from prereqs and add "and admission to Social Work major"	**SEPS**
4.7	**Course Revision:** SW 437 Child Welfare I Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs	**SEPS**
4.8	**Course Revision:** SW 438 Child Welfare II Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs	**SEPS**
4.9	**Course Revision:** SW 440 Social Work Practice with African Populations Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs	**SEPS**
4.10	**Course Revision:** SW 441 Social Work Practice with Latinos Remove "or permission of the instructor" from prereqs and Add "and admission to Social Work major" to prereqs	**SEPS**
4.11	**Course Revision:** SW 442 The Social Consequences of Immigration	**SEPS**

	Remove “or permission of the instructor” from prereqs and Add “and admission to Social Work major” to prereqs	
4.12	**Course Revision:** SW 450 Field Education Experience I Add “and admission to Social Work major” to prereqs **Change description to read**: 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 451.	**SEPS**
4.13	**Course Revision:** SW 451 Field Education Seminar I Add “and admission to Social Work major” to prereqs **Change description to read**: 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.	**SEPS**
4.14	**Course Revision:** SW 452 Field Education Experience II Add “and admission to Social Work major” to prereqs **Change description to read**: 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.	**SEPS**
4.15	**Course Revision:** SW 453 Field Education Seminar II Add “and admission to Social Work major” to prereqs **Change description to read**: 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	**SEPS**

	be taken concurrently with SW 452.	
4.16	**Course Revision:** SW 478 Current Topics in Social Work Remove "permission of instructor" and add "and admission to Social Work major" to prereqs	**SEPS**
Teacher Education		
5.1	**Course Revision:** EDSC 425 Principles of Secondary Education Add d-designation for Werblow's sections	**SEPS,** **GE**
5.2	**Course Revision:** EDTE 314 Applied Learning Theories (K-12 Programs) Add d-designation for Werblow's sections	**SEPS,** **GE**
5.3	**Course Revision:** EDTE 316 Principles of Learning (Sec/K-12) Add d-designation for Werblow's sections	**SEPS,** **GE**

B. Regular Agenda

1.1	**Course Addition:** ROBO 260 Programmable Controllers 3 Prereq: ROBO 110 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	**SET**

	Required course by ABET Overlap with CET 453?	