CIM Report Apr 12, 2019 8:54am

Course Changes Pending Approval from University Course and Program Committee

Code	Field	Old Value	New Value
AIST 3103		Added	
AIST 3503		Added	
ARTS 3733		Added	
BIOL 2723L		Added	
GEOG 4813		Added	
HIST 1203		Added	
JOUR 4083		Added	
MATH 1514	Proposed Effective Date	Fall 2018	Fall 2019
	Is Course a State Minimum Core Course?	No	Yes
	Prerequisite(s)	MATH 1203 or MATH 1204 with a grade of C or better, or a score of at least 80% on the University of Arkansas Mastery of Algebra Exam, or a score of at least 26 on the math component of the ACT exam, or a score of at least 600 on the math component of the old SAT or 620 on the math component of the new SAT.	MATH 1203 or MATH 1204 with a grade of C or better, or a score of at least 60 on the Math Placement Test, or a score of at least 26 on the math component of the ACT exam, or a score of at least 600 on the math component of the old SAT or 620 on the math component of the new SAT.
	Justification	This course is intended for students who need some extra knowledge in algebra and trigonometry to prepare for a regular calculus course. The course is the first part of a two-course sequence that integrates review material in algebra and trigonometry in a "just-in-time" approach with new calculus concepts. This approach has been implemented at the University of Wisconsin and West Virginia University where a controlled study has measured its effectiveness. Students will still be offered the traditional sequence of precalculus followed by Calculus I.	Correction to change to state minimum math core course; admin update to requisite to accommodate the new math placement test.
	Reviewer Comments	ac087 - Fri, 29 Sep 2017 20:08:41 GMT - Approved at initial, however a follow up discussion regarding the prerequisite and structuring of the prerequisite needs to take place. Will email regarding this. agriffin - Thu, 19 Oct 2017 00:34:51 GMT - Rollback: Please work with faculty member to incorporate student learning outcomes into syllabus as requested by Faculty Senate. jdurdik - Fri, 27 Oct 2017 16:28:26 GMT - Rollback: attach syllabus, please	
	Syllabus	MATH 1514.pdf	
	University Core Category		University Core Mathematics
MEEG 2101	allcodes	MEEG 2100	MEEG 2101
	Proposed Effective Date	Spring 2018	Fall 2019
	Course Number	2100	2101
	Component Type	Independent Study	Lecture
	Credit Hours	0	1

	Create Non Credit Drill?	No	Yes
	Catalog Title	Computer-aided Design Competency	Computer-aided Design
	Short Course Title	CAD COMPETENCY	CAD
	Catalog Description	Students entering the Mechanical Engineering Department are expected to possess basic competency in computer-aided design. Students need to pass a competency test. Deficiencies may be remedied through self-paced, computer-based instruction.	The concept and application of solid-modeling, based on SolidWorks Computer-Aided Design (CAD) software suite, are introduced in this course. They include sketches, parts modeling, assembly of parts, and drawing documentation.
	Title/Description Change Type	Minor (stylistic/editorial) Change	Major Content Change
	Prerequisite(s)	GNEG 1121 or GNEG 1121H or GNEG 1103.	GNEG 1121 or GNEG 1121H or GNEG 1103
	Justification	Admin update to typically offered field.	The change from zero units to one unit better reflects the effort required by the students to perform the necessary work.
	Course Code	MEEG 2100	MEEG 2101
	Syllabus		MEEG2101 CAD Syllabus.pdf
MEEG 4103	allcodes	MEEG 4104	MEEG 4103
	Proposed Effective Date	Spring 2018	Fall 2019
	Course Number	4104	4103
	Typically Offered	Spring and Summer	Fall, Spring and Summer
	Credit Hours	4	3
	Catalog Description	Select design components commonly used in modern machines, principally for energy transmission. Students will be required to design a small system and present their design to the class.	This course introduces the static failure theories and fatigue failure theories, and how each of the theories can be applied in practical engineering problems in supporting the selection and design of machine elements. This course also introduces key design concepts, design principles, design process, and design guidelines for four commonly-used machine elements: spring, gear, bearing and shaft.
	Title/Description Change Type	Minor (stylistic/editorial) Change	Major Content Change
	Justification	Admin update to typically offered field and delivery method.	Several topics currently covered by this course are already taught by lower level courses. Specifically, stress analysis and Mohr Circle, stress concentration factor, nomenclature and basics of gearing systems are covered by MEEG 3013 Mechanics of Materials and MEEG 2103 Introduction to Machine Analysis and Design. Reducing the credit hours from 4 to 3 will improve the consistency of the design curriculum and maximize the learning outcome.
	Course Code	MEEG 4104	MEEG 4103
	Syllabus		MEEG4103_Syllabus_3Credits.pdf
MUHS 5253		Inactivated/Deleted	
MUHS 5753		Inactivated/Deleted	
MUHS 5773		Inactivated/Deleted	
MUHS 5783		Inactivated/Deleted	
MUHS 5793		Inactivated/Deleted	
PLSC 3543		Added	
PLSC 4813		Added	