

CIM Report Sep 20, 2018 10:46am

Course Changes Pending Approval from University Course and Program Committee

Code	Field	Old Value	New Value
BENG 5733			Inactivated/Deleted
CHEG 5443			Added
CVEG 2013			Added
CVEG 2023			Added
CVEG 4223			Inactivated/Deleted
CVEG 4253			Inactivated/Deleted
CVEG 4393			Inactivated/Deleted
CVEG 5133			Added
CVEG 5153			Added
EDEQ 5003			Added
EDEQ 5013			Added
EDEQ 5023			Added
EDEQ 5033			Added
EDEQ 5043			Added
EDEQ 5053			Added
EDLE 6013			Added
EDST 3023			Inactivated/Deleted
EDST 3913			Added
EDST 3923			Added
EDST 4013			Inactivated/Deleted
EDST 4933			Added
ELEG 4563			Added
ELEG 5563			Added
EMGT 514V			Added
EXSC 2733H			Inactivated/Deleted
EXSC 3153H			Inactivated/Deleted

EXSC 3353H		Inactivated/Deleted	
EXSC 3423H		Inactivated/Deleted	
EXSC 3533H		Inactivated/Deleted	
INEG 6843	Status Modifiers	Inactivated	
	Catalog Title	Scheduling and Sequencing II (Irregular)	Scheduling Theory and Algorithms
	Catalog Description	An investigation into constructive algorithms and various operations research approaches for solving sequencing and scheduling problems in a variety of machine environments (single-machine, parallel machines, flow shops, and job shops).	The course will cover the theory and solution methods for scheduling several tasks over time. Topics include terminology, measures of performance, single machine sequencing, flow shop scheduling, the job shop problem, and priority dispatching. Side constraints within scheduling, such as precedence, release dates, and due dates are addressed. Integer programming, dynamic programming, and heuristic approaches to various problems are also presented.
	Short Course Title	SCHEDULING SEQ II	SCHED. THEORY AND ALGORITHMS
	Prerequisite(s)	INEG 5843.	INEG 5613 or equivalent, computer programming proficiency, and exposure to proofs.
	Proposed Effective Date		Spring 2019
	Academic Level		Graduate
	Typically Offered		Irregular
	Course Delivery Method		On campus
	Title/Description Change Type		Major Content Change
	Justification		What is changing: More theoretical and practice oriented treatment of scheduling. Justification: Given the current course offerings in the Industrial Engineering department, no course covers the theory and algorithms for scheduling problems. Scheduling is an important topic with many applications including manufacturing, sports, and disaster response. A PhD level course is needed to understand the theory about the complexity of scheduling problems, properties of optimal solutions, and algorithms for solving the problems quickly.
	Syllabus		INEG 6843 Syllabus.pdf
	Reviewer Comments		lkulcza - Tue, 06 Mar 2018 00:01:50 GMT - Rollback: Please provide a justification for this proposal. ac087 - Thu, 24 May 2018 14:35:33 GMT - Spring 2019 Effective date pending completion of approval process.
	Is Reactivate?		true
LAWW 5543	allcodes	LAWW 7302	LAWW 5543
	Proposed Effective Date	Summer 2018	Spring 2019
	Course Number	7302	5543
	Credit Hours	2	3
	Catalog Description	International business transactions.	Course is designed to provide students with a general knowledge of the kinds of laws applicable to international business issues, and increased expertise in problem-solving.

	Justification	Updated typically offered field.	Change from two credit hours to three credit hours to updated topics covered. Change course number from 7000 to 5000 to make it more in line with J.D. course numbers. Students will have basic understanding of the body of laws governing international business transactions and developed issue-spotting skills.
	Course Code	LAWW 7302	LAWW 5543
	Syllabus		Int'l Business Transactions S Foster - Spring 2018.pdf
	Reviewer Comments		wfoster - Tue, 11 Sep 2018 12:57:56 GMT - This course has traditionally been offered by our full-time faculty in the 3-credit format. The 2-credit version was only used as by a visiting faculty member.
MATH 2213	Proposed Effective Date	Summer 2018	Fall 2019
	Prerequisite(s)	A grade of C or better in any of Math 1203, Math 1204, Math 1213, Math 1284C, Math 2033, Math 2043, Math 2053, Math 2183 or Math 2554, 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.	A grade of C or better in any of Math 1203, Math 1204, Math 1213, Math 1284C, Math 1313, Math 2033, Math 2043, Math 2053, Math 2183 or Math 2554, 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.
	Justification	Updated typically offered field.	Recommendation from Math Pathways group that MATH 1313 Quantitative Reasoning can serve as a pre-requisite, as an alternative to College Algebra.
	Reviewer Comments		agriffin - Thu, 20 Sep 2018 13:57:27 GMT - In consultation with Math Chair, I updated delivery method to include distance offering-online/web-based. I also added the course subject and number to Quantitative Reasoning in the justification.
MEEG 3113	Short Course Title	MACHINE DYN AND CONTROL	FUNDAMENTALS OF VIBRATIONS
	Catalog Title	Machine Dynamics and Control	Fundamentals of Vibrations
	Catalog Description	The principles of kinematics and kinetics for rigid body motion from dynamics are reviewed and applied to machine components with the goal being to determine their impact on machine behavior and performance. The time varying forces created by the movement of machine components are used to describe the machine's vibrational motion and elementary control principles are introduced with the goal of describing how these motions might be reduced or eliminated.	Time and frequency domain mathematical techniques for linear system vibrations are reviewed. Undamped system and viscously damped systems are analyzed. Equations of motion of single and multiple degrees-of-freedom systems are studied. Vibration of multi-degree-of-freedom systems are analyzed using modal analysis and modal summation methods. Eigenvalue problems as related vibrations are studied.
	Reviewer Comments	kjvestal - Wed, 20 Jul 2016 15:46:17 GMT - Rollback: Rolling back to redirect to new Chair.	ac087 - Fri, 11 May 2018 16:00:18 GMT - Changed effective date to Fall 2019 because course is considered a major change and undergrad major changes must coincide with new catalog publication cycle. ndennis - Wed, 16 May 2018 21:05:22 GMT - Added the online delivery justification.
	Proposed Effective Date	Fall 2016	Fall 2019
	Justification	MEEG 2013 Dynamics is added to the prerequisite list to ensure students learn Dynamics before taking Machine Dynamics and Control.	Why: Materials related to "Control" are not covered by the class. How: Rename the class to "Fundamentals of Vibrations", and revise the syllabus and catalog description. Also getting approval for synchronous delivery to the Ft. Smith program.
	Typically Offered		Fall and Spring

	Off Campus Delivery		Online/Web-based
	Title/Description Change Type		Major Content Change
	Syllabus		MEEG_3113_Syllabus_20180413_For_Program_Committee.pdf
	allcodes		MEEG 3113
MEEG 5163		Added	
MLIT 1013	Proposed Effective Date	Fall 2017	Fall 2019
	Typically Offered	Fall and Spring	Fall
	Justification	Updated typically offered field.	Change to reflect that the course is offered just in the fall.
	Reviewer Comments		mihalka - Fri, 27 Jul 2018 19:14:07 GMT - Sorry, I made a mistake, the change should instead be that this course is only offered in the spring, not in the fall
PHED 5233		Inactivated/Deleted	
PLSC 2013	Proposed Effective Date	Fall 2017	Spring 2019
	Course Delivery Method	On campus	On campus Off campus
	Title/Description Change Type	Minor (stylistic/editorial) Change	
	Justification	Admin update to typically offered.	PLSC is adding this as an online offering to manage increasing student enrollment. This is a required course and it meets a general education requirement.
	Off Campus Delivery		Online/Web-based
	Syllabus		2018-GlobalSyllabus-PLSC-2013 (00000002).docx
	Reviewer Comments		ac087 - Tue, 11 Sep 2018 21:53:48 GMT - spring effective date pending completion of approval process.
RESM 4283		Added	
RESM 5283		Added	