

CIM Report Jul 25, 2016 10:38am

Course Changes Pending Approval from University Course and Program Committee

Code	Field	Old Value	New Value
AGED 1133			Added
ELEG 4543			Added
ELEG 5543	Course Academic Level	Undergraduate	Graduate
	Course Short Title	COMM NET FOR MOTION CONTR	INTRO POWER ELECTRONICS
	Course Effective Status	Inactive	Active
	Course Long Title	Communication Networks for Motion/Industrial Control	Introduction to Power Electronics
	Course Catalog Description	An introduction to topics of current interest in motion control systems. Examples: Open Control Automation, RS 485 Communication and RS 232 Communication as related to motion control systems, Serial Real Time Communication Systems, Control Area Network, Embedded Controllers, Motion Control Applications.	Presents basics of emerging areas in power electronics and a broad range of topics such as power switching devices, electric power conversion techniques and analysis, as well as their applications. Students may not receive credit for both ELEG 5543 and 4543.
	Course Audit Allowed	Yes	No
	Course Prerequisite(s)	ELEG 3303 or graduate standing.	ELEG 2214 and ELEG 3214, or graduate standing
	Course Delivery Method	Off campus	On campus
	Course Last Update Effective		Fall 2017
	Course Title/Description Change Type		Major Content Change
	Course Syllabus		ELEG 4543_ELEG 5543_Intro Power Electrics_Yue Zhao_new class.pdf
	Justification		To give graduate students another course and to support students entering the power field of study.
	Course Additional Notes		This is a reactivation of an inactive course.
FINN 5173			Added
INEG 5313	Course Long Title	Engineering Applications of Probability Theory and Stochastic Processes	Engineering Applications of Probability Theory
	Course Catalog Description	Basic probability theory; random variables and stochastic processes; distribution of sums, products, and quotients of random variables, with application to engineering; normal and Poisson processes; engineering applications of Markov chains, ergodic theorem, and applications.	Introduction to probability, discrete random variables, continuous random variables, multiple random variables, sequences of Bernoulli trials. Applications of these topics from inventory, reliability, quality control.
	Course Prerequisite(s)	INEG 2313 and MATH 2574.	
	Course Delivery Method	On campus	On campus
	Course Last Update Effective		Fall 2017
	Course Title/Description Change Type		Major Content Change
	Course Syllabus		Outline.pdf

	Justification		<p>We are proposing a shift in the way we introduce probability and stochastic models to our PhD students. We are proposing that we convert INEG 5313 into an application-driven, probability-models-only course and that we convert INEG 5323 Reliability into an application-driven, stochastic-models-only course.</p> <p>In the not-too-distant past, INEG 5313 Engineering Applications of Probability Theory and Stochastic Processes was our only graduate offering in probability and stochastic models. The mix of entry-level MS students with advanced PhD students made managing the course difficult and led to the creation of a separate PhD-level stochastic processes course. However, most of our graduate students have much less experience with probability and stochastic models than they do in optimization. As a result, most of our graduate students still take and struggle with INEG 5313.</p>
	Reviewer Comments		<p>ndennis Tue, 22 Mar 2016 17:18:03 GMT Rollback: This is a major course change and should be sent through the major course change process along with the appropriate documentation necessary for a major course change.</p> <p>lindsayt Thu, 07 Apr 2016 13:56:57 GMT Rollback: This course is offered online through the MSE program. Please add the "online/web-based" delivery method in the Course Delivery Method section.</p> <p>agriffin Mon, 18 Apr 2016 18:24:08 GMT Due to the approval timeline and catalog deadline, I changed the effective date from fall 2016 to fall 2017. I also changed the justification from "see attachment" to include the detailed justification included in the attachment.</p>
INEG 5323	Course Last Update Effective	Fall 2015	Fall 2017
	Course Title/Description Change Type	Minor (stylistic/editorial) Change	Major Content Change
	Course Short Title	RELIABILITY MODELING	ENGR APPS OF STOCHASTIC PROC
	Course Long Title	Reliability Modeling	Engineering Applications of Stochastic Processes
	Course Catalog Description	Development and analysis of the fundamental probability models used in the analysis of system reliability and system maintenance policies. Introduction to the use of simulation modeling for more complex analysis.	Renewal processes, Poisson processes, discrete-time Markov chains, continuous-time Markov chains. Applications of these topics from inventory, reliability, quality control, queueing.
	Course Offering Type	Irregular	Regular
	Course Audit Allowed	Yes	No
	Course Prerequisite(s)	INEG 2313 or equivalent.	

	Justification	The title and catalog description are being altered to more accurately reflect course content. The course will also be developed for the online MSE program.	In the not-too-distant past, INEG 5313 Engineering Applications of Probability Theory and Stochastic Processes was our only graduate offering in probability and stochastic models. The mix of entry-level MS students with advanced PhD students made managing the course difficult and led to the creation of a separate PhD-level stochastic processes course. However, most of our graduate students have much less experience with probability and stochastic models than they do in optimization. As a result, most of our graduate students still take and struggle with INEG 5313. We are proposing a shift in the way we introduce probability and stochastic models to our PhD students. We are proposing that we convert INEG 5313 into an application-driven, probability-models-only course and that we convert INEG 5323 Reliability into an application-driven, stochastic-models-only course.
	Course Offering Term(s)		Spring
	Course Offering Year		Every Year
	Course Syllabus		Outline.pdf
	Reviewer Comments		tmartin Tue, 22 Mar 2016 19:18:22 GMT Rollback: Please make this a major change per the request of ENGR Dean. agriffin Mon, 18 Apr 2016 18:27:28 GMT Inserted the detailed justification from the attached document.
INEG 2812H			Added
INEG 3812H			Added
MEST 4303			Added
MEST 4503			Added
NURS 5682			Added
NURS 6244	Course Academic Level	Undergraduate	Graduate
	Course Delivery Method	Off campus	Online/Web-based
	Course Offering Term(s)	Fall	Fall
	Course Last Update Effective		Fall 2017
	Justification		FNP students program of study requires this course to be taken in a different semester than AGACNP students.
	Reviewer Comments		lindsayt Tue, 01 Mar 2016 20:27:40 GMT Rollback: This course is developed for online/web-based delivery. Please add the "Online/web-based" delivery method in the Delivery Methods section. agriffin Wed, 20 Apr 2016 18:13:47 GMT Effective date will need to be fall 2017, based on timing of submission and the approval process.
OMGT 5653			Added
OMGT 5993			Added

PBHL 4401			Added
PBHL 333V			Added
PHYS 400V	Course Academic Level	Dual Level	Undergraduate
	Course Last Update Effective		Fall 2017
	Course Title/Description Change Type		Major Content Change
	Justification		The PHYS department wishes to convert PHYS 400V to be an undergraduate course only. PHYS 400V as a graduate offering is rarely used, and if the department determines that there is a need for a graduate-level version of this course in the future, a 5000-level course will be proposed.
	Reviewer Comments		agriffin Mon, 18 Apr 2016 18:48:06 GMT Effective date will need to be fall 2017, based on timing of submission and the approval process.
PLSC 4273			Added
PUBP 6033			Added
RESM 3002			Deleted
RESM 3012			Deleted
RESM 4263			Deleted
SCWK 4253			Added
SOCI 4013	Course Last Update Effective	Spring 2016	Fall 2017
	Course Academic Level	Dual Level	Undergraduate
	Justification	Topic added per Donna Draper.	There is no longer a need for a 4013 graduate section, as SOCI 503V fills the needed spot
	Reviewer Comments		agriffin Mon, 18 Apr 2016 18:56:06 GMT Effective date will need to be fall 2017, based on timing of submission and the approval process.
UNIV 210V			Added