

Formerly University of Missouri-Rolla

Agenda Campus Curricula Committee Meeting October 31, 2012 12 p.m., Room 117 Fulton Hall

### **Review of submitted DC forms:**

- DC 0418, Engineering Management, Bachelor of Science, Management of Technology Emphasis, effective Fall 2013.
- DC 0430, History, Bachelor of Arts/History Teacher Education Program, effective Fall 2013.
- DC 0431, Business and Information Technology, Minor in Mobile Business and Technology, effective Fall 2013.

### **Review of submitted CC forms:**

CC 8280, Computer Engineering 416, Advanced Computer Architecture II, effective Spring 2013.

- CC 8281, History 396, History Research Seminar, effective Fall 2013.
- CC 8282, Engineering Management 482, Financial Engineering II, effective Spring 2013.
- CC 8283, Engineering Management 382, Introduction to Operations Research, effective Spring 2013.
- CC 8284, Systems Engineering 378, Introduction to Neural Networks & Applications, effective Fall 2013.
- CC 8285, Engineering Management 481, Financial Engineering, effective Spring 2013.
- CC 8286, Systems Engineering 412, Complex Engineering Systems Project Management, effective Spring 2013.
- CC 8287, Systems Engineering 411, Systems Engineering Capstone, effective Spring 2013.
- CC 8288, Systems Engineering 469, Systems Architecting, effective Spring 2013.

Office of the Registrar • 103 Parker Hall • 300 West 13<sup>th</sup> Street • Rolla, MO 65409-0930 Phone: 573-341-4181 • Fax: 573-341-4362 • Email: registrar@mst.edu • Web: http://registrar.mst.edu



Missouri University of Science and Technology

Formerly University of Missouri-Rolla

- CC 8289, Engineering Management 472, Lean Manufacturing Systems, effective Spring 2013.
- CC 8290, Engineering Management 408, Financial Risk Management, effective Spring 2013.
- CC 8291, Systems Engineering 413, Economic Analysis of Systems Engineering, effective Spring 2013.
- CC 8292, Engineering Management 452, Advanced Financial Management, effective Spring 2013.
- CC 8293, Engineering Management 480, Investment, effective Spring 2013.
- CC 8294, Information Science and Technology 354, Multi-media Development and Design, effective Spring 2013.
- CC 8295, Information Science and Technology 352, Advanced Web Development, effective Spring 2013.
- CC 8296 Information Science and Technology 386, Human-Computer Interaction Prototyping, effective Spring 2013.
- CC 8297, Marketing 331, Promotions Management, effective Spring 2013.
- CC 8098, Enterprise Resource Planning 341, Enterprise Portal Application Development, effective Spring 2013.
- CC 8299, Information Science and Technology 241, E-Commerce, effective Spring 2013.
- CC 8300, Information Science and Technology 233, Introduction To Telecommunications Networks, effective Spring 2013.
- CC 8301, Enterprise Resource Planning 342, Customer Relationship Management in an ERP Environment, effective Spring 2013.
- CC 8302, Enterprise Resource Planning 442, Advanced Customer Relationship Management in ERP Environment, effective Spring 2013.



Formerly University of Missouri-Rolla

- CC 8303, Enterprise Resource Planning 347, Supply Chain Management Systems, effective Spring 2013.
- CC 8304, Enterprise Resource Planning 348, Strategic Enterprise Management Systems, effective Spring 2013.

### **Review of submitted EC forms:**

- EC 2430, History 301, Women In the History of Science, Technology and Medicine, effective Fall 2013.
- EC 2431, Art 201, Thematic Studies In Film and Philosophy, effective Spring 2013.
- EC 2432, Spanish 201, Spanish Phonetics: Pronunciation For English Native Speakers, effective Spring 2013.
- EC 2433, Materials Science and Engineering 301, Integrated Computational Materials Engineering, effective Spring 2013.
- EC 2434, Chemistry 401, Solid-State and Materials Chemistry, effective Spring 2013.
- EC 2435, French 301, Contemporary Francophone Literature, effective Spring 2013.
- EC 2436, Biological Sciences 401, Advanced Sleep Biology, effective Spring 2013.
- EC 2437, Chemistry 201, Undergraduate Peer-Learning Assistant Practicum, effective Spring 2013.
- EC 2439, Information Science and Technology 301, Intro To Date Warehouses, effective Spring 2013.

### Tabled Items:

DC 0417, Engineering Management, Bachelor of Science, effective Fall 2013.

DC 0419, Engineering Management, Bachelor of Science, Industrial Engineering Emphasis, effective Fall 2013.



Formerly University of Missouri-Rolla

### DC 0420, Engineering Management, Bachelor of Science, General Emphasis, effective Fall 2013.

DC 0429, Engineering Management, Bachelor of Science, effective Fall 2013.

Effective Year: 2013 DC Effective Term: Summer I Fall xx Spring () (Creating or modifying a degree program must be effective for a Fall term)

DC # 0418-2012-Emgt-000-00

# **Degree Change Form (DC)**

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

### Title of degree program, emphasis area, or minor:

Management of Technology Emphasis Area

### Department: EMSE

### Briefly describe action requested (Attach documentation as appropriate):

The Management of Technology (MOT) Emphasis area required courses will change from EMSE 313, 320, and 327, (9 required credit hours) to EMSE 320, 327, 356, and 366 (12 required credit hours). EMSE MOT Emphasis area technical elective will be reduced from 9 credit hours to 6 credit hours. Free Electives under this change will be reduced from 6 credit hours to 3 credit hours.

Recommended by Department: こうし をし (Chair signature)	Date: 2/2112
Recommended by:	Date:/12
Approved by Curricula Committee:(Chair signature)	Date:
Approved by Faculty Senate:(Chair signature)	Date:

(Revised 9/12/2011)

		Frem: 573 341 4362	Page: 1/3 D	ate: 9/17/2012 11:23;52 AM		
Sep	17 2012 1:	From: 573 341 4362 OOPM MST	2 Page: 2/26	Date: 10/5/2012 5:07:03 F 6312	PM .	4 <b>ب جا</b>

Effective Year: 2013 Sprina 🗖 Effective Term: Summer 🗔 Fall 🖾 (Creating or modifying a degree program must be effective for a Fall term)

DC#0430-2012- M 000-00

# Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

### Title of degree program, emphasis area, or minor:

History major; History Teacher Education Program

Department: History & Political Science

Briefly describe action requested (Attach draumentation as appropriate): We are adding a new course (tentatively Hist 396, Research Seminar in History, see accompanying ocform), that history majors would be able to take in place of the Hist 397 Senior Thesis requirement, or as an upper-division history elective in preparation for the senior thesis. Students In the research seminar will be required to produce a research paper the same length and quality as that currently required by the senior thesis, but the research seminar would offer a more structured, classroom environment (as opposed to the independent study format of Hist 397) that we believe would be beneficial to many history majors.

017-	0.0	
Recommended by Department:	CAM-2	
Recommenses by Departments	(Chair signature)	

Date: <u>9-10-12</u> 9-17-12

Recommended by: Discipline Specific Curricula Committee

Approved by Curricula Committee: \_

(Chair signature)

(Chair signature)

Date: \_\_\_\_\_

Approved by Faculty Senate: .

(Chair slansture)

Date: \_\_\_\_

09/10/11

(Revised \$/12/2011)

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfl.com

Current History Major:

÷ 1

÷

Hist 10	Intro to Hist.	1 credit hours
Hist 175, 176	American History surveys	6
Hist 299	Historiography	3
	American History electives	6
	European History electives	6
·	Open History electives	6
Hist 397	Senior Thesis	3
Total	· · · · · · · · · · · · · · · · · · ·	31 credit hours

Proposed History Major:

Hist 10	Intro to Hist.	1 credit hours
Hist 175, 176	American History surveys	6
Hist 299	Historiography	3
	American History electives	6
	European History electives	6
	Open History electives	6
Hist <b>396 or</b> 397	Hist. Research Sem. or Senior Thesis	3
 Total		31 credit hours

<sup>&</sup>lt;sup>i</sup> History majors and those in the History Teacher Education Program are also required to complete Hist 111 and 112 (the Western Civilization sequence) as part of the general education requirements for the B.A. In addition, 9 hours of the 31 major hours must be taken at the 300 level (no change in requirements with this).

 Effective Year: 2013
 DC # 0431-2012-BIT-00000

 Effective Term: Summer I
 Fall x
 Spring I

 (Creating or modifying a degree program must be effective for a Fall term)

# Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

### Title of degree program, emphasis area, or minor:

Minor in Mobile Business and Technology

Department: Business and Information Technology

### Briefly describe action requested (Attach documentation as appropriate):

Reflecting the increased interest in the use of Mobile Technology in Business, a 15 credit hour Minor has been created from existing courses as follows:

Nine hours of the course work are required to be:

IST 241 Electronic and Mobile Commerce

IST 335 Fundamentals of Mobile Technology for Business

ERP 341 Enterprise Portal and Mobile Application Development

The other 6 hours of elective course work may be chosen from the following:

IST 233 Introduction to Telecommunications Networks

ERP 342 Customer Relationship Management in an ERP Environment

ERP 347 Supply Chain Management Systems in an ERP Environment

ERP 348 Performance Dashboard, Scorecard, and Data Visualization

IST 352 Advanced Web Development

IST 386 Human-Computer Interaction Prototyping

Recommended by Department:(Chair signature)	Date:
Recommended by:	Date: 15/2/12
Approved by Curricula Committee:(Chair signature)	Date:
Approved by Faculty Senate:(Chair signature)	Date:

	From: 573 341 4	362 Page: 5/26	Date: 10/5/2012	5:07:04 PM	
Effective Year: 201 Term: Summer 🗌	13 Fall 🔲 Spring 🛛	3	CC File	#8280-2012-GPE-416-20	
	Course	e Change	Form (	(C) <u> </u>	
		creating or modil			
Course Changes		creating or moun	,	·· ·	
	Course Deletion 🖾	Credit	t Hours 🗌	Prerequisites 📋	
Course Title 🗌	Catalog Description	n 🗌 🛛 Cours	e Number 🗌	Co-listing 🗀	
<b>Course Informat</b>	tion (1-9 Must Be Co	mpleted. Leave "Pi	oposed" items bi	ank if no change is being made.)	
1. Department: El	ectrical and Comput	er Eng			
2. Discipline and C	ourse Number:	Present: $\varphi \mathcal{E}$	29 416 Prop	posed:	
	opooca.			posed: Archilecture II	
(2	urse Title: Advance 4 Spaces or Less. O on (300 Character Spa	nly needed for Ne	ew Courses or T	ïtle Changes.)	
			erina 415. Pre	requisite: Cp Eng 415.	
(	510) 051111111111111				
Proposed:					
Froposca.					
	s field trip check bo>	e 🗂			
-	Present:	Lecture:	Lab:	Total:	
6. Credit Hours:	Proposed:	Lecture:	Lab:	Total:	
7. Prerequisites: Present:					
Proposed:					
	ors: 🗌 🛛 Elective	for Majors: 🗌			
8. Required for Maje 9. Justification: C	ourse has not been	taught since sprii	ng 2008. The ii	nstructor who normally taught	
8. Required for Maje 9. Justification: C	ourse has not been	taught since sprii	ng 2008. The in not expected to	nstructor who normally taught b be offered in the future.	
8. Required for Maje 9. Justification: C	ourse has not been	taught since sprii	ng 2008. The in not expected to	nstructor who normally taught b be offered in the future.	
8. Required for Maje 9. Justification: C ti	Course has not been his course has retire	taught since sprii d. The course is	not expected to	be offered in the future.	
8. Required for Maje 9. Justification: C ti 10. Semesters prev	ourse has not been	taught since sprin d. The course is experimental co	not expected to urse (101, 201,	be offered in the future. 301, 401):	
8. Required for Maje 9. Justification: C ti 10. Semesters prev	Course has not been his course has retire <b>/iously offered as an</b>	taught since sprin d. The course is experimental co	not expected to urse (101, 201,	be offered in the future. 301, 401):	
8. Required for Maje 9. Justification: C tl 10. Semesters prev 11. List all co-listed 1)	Course has not been his course has retire viously offered as an l courses, initialed by 2)	taught since sprin d. The course is experimental course y Dept. Chair, if since 3)	not expected to urse (101, 201,	be offered in the future. 301, 401):	
8. Required for Maje 9. Justification: C tl 10. Semesters prev 11. List all co-listed 1) 4)	Course has not been his course has retire viously offered as an courses, initialed by 2) 5)	taught since sprin d. The course is experimental course y Dept. Chair, if si	not expected to urse (101, 201,	be offered in the future. 301, 401): ot appear below.	
8. Required for Maje 9. Justification: C tl 10. Semesters prev 11. List all co-listed 1)	Course has not been his course has retire viously offered as an courses, initialed by 2) 5)	taught since sprin d. The course is experimental con y Dept. Chair, if si 3) 6) Xel Em	not expected to urse (101, 201, ignature does n	be offered in the future. 301, 401):	].
<ul> <li>8. Required for Maje</li> <li>9. Justification: C</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1)</li> <li>4)</li> <li>Recommended by C</li> </ul>	Course has not been his course has retire viously offered as an courses, initialed by 2) 5)	taught since sprin d. The course is experimental course y Dept. Chair, if si 3) 6) <u>Vel. E</u> (Chair signatur rricula Committee	not expected to urse (101, 201, ignature does n	be offered in the future. 301, 401): ot appear below.	da ja
<ul> <li>8. Required for Maje</li> <li>9. Justification: C ti</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1)</li> <li>4)</li> <li>Recommended by C</li> <li>Recommended by C</li> </ul>	Course has not been his course has retire viously offered as an courses, initialed by 2) 5) Department	taught since sprin d. The course is experimental course y Dept. Chair, if si 3) 6) <u>Vel. E</u> (Chair signatur rricula Committee (Chair signatur	not expected to urse (101, 201, ignature does n	be offered in the future. 301, 401): ot appear below.	da ja
<ul> <li>8. Required for Maje</li> <li>9. Justification: C tl</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1)</li> <li>4)</li> <li>Recommended by C</li> <li>Recommended by C</li> <li>Approved by Currice</li> </ul>	Course has not been his course has retire viously offered as an courses, initialed by 2) 5) Department Discipline Specific Cu ula Committee:	taught since sprin d. The course is experimental course y Dept. Chair, if si 3) 6) <u>Velt Ette</u> (Chair signatur (Chair signatur (Chair signatur	not expected to urse (101, 201, ignature does n	be offered in the future. <b>301, 401):</b> <b>Date:</b> $\frac{9/57(v)}{\sqrt{51/12}}$ Date: $\frac{\sqrt{51/12}}{\sqrt{51/12}}$	da ja
<ul> <li>8. Required for Maje</li> <li>9. Justification: C ti</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1)</li> <li>4)</li> <li>Recommended by C</li> <li>Recommended by C</li> </ul>	Course has not been his course has retire viously offered as an courses, initialed by 2) 5) Department Discipline Specific Cu ula Committee:	taught since sprin d. The course is experimental course y Dept. Chair, if si 3) 6) <u>Velt Ette</u> (Chair signatur (Chair signatur (Chair signatur	not expected to urse (101, 201, ignature does n	be offered in the future. <b>301, 401):</b> <b>bot appear below.</b> Date: $\frac{9/57(v)}{\sqrt{51/12}}$	do Ja
<ul> <li>8. Required for Maje</li> <li>9. Justification: C tl</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1)</li> <li>4)</li> <li>Recommended by C</li> <li>Recommended by C</li> <li>Approved by Currice</li> </ul>	Course has not been his course has retire viously offered as an courses, initialed by 2) 5) Department Discipline Specific Cu ula Committee:	taught since sprin d. The course is experimental course y Dept. Chair, if si 3) 6) <u>Vel. E</u> (Chair signatur rricula Committee (Chair signatur	not expected to urse (101, 201, ignature does n	be offered in the future. <b>301, 401):</b> <b>Date:</b> $\frac{9/57(v)}{\sqrt{51/12}}$ Date: $\frac{\sqrt{51/12}}{\sqrt{51/12}}$	do Ja

				6312		P.J
17 2012 1	:00PM	MST	<u> </u>			
		From: 573 341 4382	Page 3/3	Date: 9/17/2012 1	1:23:53 AM	
Effective Year	- 2013			CC File #	18281-20	012 · HIST. 396
Termi Summer	Pall C	Spring 🗔			••• · · ·	• • • •
		Course C	Chande	Form (	CC)	
	T	ils form is for crea	ting or modify	ing permanant	courses.	
Course Chan	ges (Chec	call changes.)	<b></b>	Hours 🗔	Prorequísi	tes 🗔
New Course		e Deletion 🖾		Number 🗌	Co-listing	
Course Title 🗌	Cata: // entited	eg Description 🗔 L-9 Must Be Comple	ted. Leave "2"	posed" items bis		
				- <b>-</b> •	-	
1. Departmen	nti Mawata	Ind Political Science Number: Pres	ent :	Prop	osed: History	396
2. Discipline a 3. Course Titlei		Number: Pres		• • • •		
	Propose	: History Researc	sh Seminar			
Abbreviate		فاستشاره فسنعم	ch Sam		tie Changes.)	
	24 Spac) 10Mon <i>/300</i>	character Spaces	needda for we or Lees	W 2001969 01 11		
Present:						
s t	ubstantial i opic of the	ocuses on advance research paper in seminar for each				ili produce a Isis. The historica: Ther responsible for
5. If course red	ubstantial i copic of the ceaching it. quires field	research paper in seminar for each trip check box: []	preparation it semester will	be chosen by ti	he faculty mor	
<u>د</u> t t	ubstantial i copic of the ceaching it. quires field	research paper in seminar for each	semester will			
5. If course red	ubstantial i copic of the ceaching it, quires field u	research paper in seminar for each trip check box: [] Present:	preparation it semester will Lecture:	Lab:	Tatal:	
5. If course for 6. Credit Hours 7. Prerequisits Present:	substantial i copic of the seaching it, <b>quires field</b> si	research paper in seminar for each trip check box: [] Present:	Lecture:	Lab:	Tatal:	
5. If course red 6. Credit Hours 7. Prerequisite Present: Proposed	ubstantial i opic of the eaching it, <b>juires field</b> i: i: Hist 299,	escarch paper in seminar for each trip check box: Present: Proposed: junior or senier s	Lecture: Lecture: Lecture: 3	Lab:	Total: 3	nper responsible for
5. If course red 6. Credit Hours 7. Prerequisité Present: Proposed 8. Required foi 9. Justification	ubstantial i copic of the caching it. <b>Juires field</b> i: Hist 299, r Majors: Major i: The Inii Many h requisit majors	escarch paper in seminar for each trip check box: Present: Proposed: junior or senior a Elective for lat experiences w istory majors nee a level of historic The seminar will	Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 39 d a more stru ai scholarship be an alterna	Lab: Lab: Lab: Lab: ctured, classroc our departmen tive to Hist 397	ware not enti menvironme t deems neces	rely satisfactory. In to produce the sary for our may take both.
5. If course red 6. Credit Hours 7. Present: Proposed 8. Required fo 9. Justification	ubstantial i copic of the caching it. <b>Quires field</b> : Hist 299, Majors: X : The init Many h requisit majors	escarch paper in seminar for each trip check box: Present: Proposed: junior or senier s Elective for lai experiences w istory majors nee to level of historic The seminar will offered as an exit	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 39 d a more stru al scholarship be an alterna serimental co	Lab: Lab: Lab: Lab: Lab: Cured, classroo our departmen tive to Hist 397 arse (101, 201,	were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3	rely satisfectory, nt to produce the sary for our may take both. w w/ major change
5. If course red 6. Credit Hours 7. Present: Proposed 8. Required fo 9. Justification	ubstantial i copic of the caching it. <b>Quires field</b> : Hist 299, Majors: X : The init Many h requisit majors	escarch paper in seminar for each trip check box: Present: Proposed: junior or senier s Elective for ial experiences w istory majors nee	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 35 d a more strue al scholarship be an alterna perimental com	Lab: Lab: Lab: Lab: Lab: Cured, classroo our departmen tive to Hist 397 arse (101, 201,	were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3	rely satisfectory, nt to produce the sary for our may take both. w w/ major change
5. If course red 6. Credit Hours 7. Present: Proposed 8. Required fo 9. Justification	ubstantial i copic of the caching it. <b>Quires field</b> : Hist 299, Majors: X : The init Many h requisit majors	escarch paper in seminar for each trip check box: Present: Proposed: junior or senier s Elective for lai experiences w istory majors nee to level of historic The seminar will offered as an exit	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 39 d a more stru al scholarship be an alterna serimental co	Lab: Lab: Lab: Lab: Lab: Cured, classroo our departmen tive to Hist 397 arse (101, 201,	were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3	rely satisfectory, nt to produce the sary for our may take both. w w/ major change
5. If course red 6. Credit Hours 7. Present: Proposed 8. Required fo 9. Justification 10. Semester 11. List all Co-	ubstantial i copic of the caching it, guires field i t Hist 299, r Majors: X majors r Majors: X majors i majors previously listed cours	escarch paper in seminar for each trip check box: Present: Proposed: junior or senier s Elective for lai experiences w istory majors nee to level of historic The seminar will offered as an exit	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 35 d a more strue al scholarship be an alterna perimental com	Lab: Lab: Lab: Lab: Lab: Cured, classroo our departmen tive to Hist 397 arse (101, 201,	were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3 were not enti- trotal: 3	rely satisfactory. In to produce the sary for our may take both. w w/ major change aw.
5. If course red 6. Credit Hours 7. Presents Proposed 8. Required fo 9. Justification 10. Semester 11. List all co- 1) 4)	iubstantial i iopic of the reaching it. guires field i i Hist 299, r Majors: M i: The Inii Many h requisit majors s préviously listed court 2) 5)	research paper in seminar for each trip check box: <b>Present:</b> Proposed: junior or senior s Elective for tal experiences w istory majors nee te level of historic The seminar will offered as an exp es, initialed by De	be an alterna perimental compt. Chair, If al perimental compt. Chair, If al	Lab: Lab: Lab: Lab: Lab: ctured, classroo our departmen tive to Hist 397 arse (101, 201, igneture does n	were not enti- trotal: 3 Total: 3 were not enti- trotal: 3 were not enti- trotal: 3 sol: 401): ne of appear belo	rely satisfectory, nt to produce the sary for our may take both. w w/ major change
5. If course red 6. Credit Hours 7. Prerequisits Proposed 8. Required for 9. Justification 10. Semester 11. List all co- 1) 4) Recommended	Substantial I Sopic of the Seaching it. Seaching it. Seac	research paper in seminar for each trip check box: Present: Proposed: junior or senior a Elective for tal experiences w istory majors rise te level of historic The seminar will offered as an exp es, initialed by De	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 3S d a more strue al scholarship be an alterna perimental con opt. Chair, If al 3) S) (char signature ula Committee	Lab: Lab: Lab: Lab: Lab: Ctured, classroo our depairtmen tive to Hist 397 sree (101, 201, ignature does n	were not enti- trotal: 3 Total: 3 were not enti- trotal: 3 were not enti- trotal: 3 sol: 401): ne of appear belo	rely satisfactory. In to produce the sary for our may take both. w w/ major change aw.
5. If course red 6. Credit Hours 7. Prerequisits Proposed 8. Required for 9. Justification 10. Semester 11. List all co- 1) 4) Recommended Recommended	Substantial I Sopic of the Seaching it. Seaching it. Seac	research paper in seminar for each trip check box: Present: Proposed: junior or senior a Elective for tal experiences w istory majors rise to che seminar will offered as an exp es, initialed by De ment	Lecture: Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 35 d a more strue al scholarship be an alterna perimental com- opt. Chair, if si 3) 5) (chair signatur ula Committee (chair signatur	Lab: Lab: Lab: Lab: Lab: ctured, classroc our departmen tive to Hist 397 area (101, 201, ignature does n	were not enti- trotal: 3 Total: 3 were not enti- trotal: 3 were not enti- trotal: 3 sol: 401): ne of appear belo	rely satisfactory. In to produce the sary for our may take both. w w/ major change aw.
5. If course red 6. Credit Hours 7. Prerequisits Proposed 8. Required for 9. Justification 10. Semester 11. List all co- 1) 4) Recommended	A previously a previously a previously by Depart by Discipli Curricula Co	research paper in seminar for each trip check box: Present: Proposed: junior or senior a Elective for tal experiences w istory majors nee te level of historic The seminar will offered as an exp es, initialed by De ment ne Specific Curric mmittee:	Lecture: Lecture: Lecture: Lecture: 3 Status Majore: Ith the Hist 3S d a more strue al scholarship be an alterna perimental con opt. Chair, If al 3) S) (char signature ula Committee	Lab: Lab: Lab: Lab: Lab: ctured, classroo our departmen tive to Hist 397 area (101, 201, ignature does n	were not enti- trotal: 3 Total: 3 were not enti- trotal: 3 were not enti- trotal: 3 sol: 401): ne of appear belo	rely satisfactory, nt to produce the stary for our may take both. w w/ major change aw. Date: $\frac{9-10-12}{5-7-7-7}$

		From: 573 341 43	62 Page: 7/26	Date: 10/5/2012	5:07:05 PM	
Effective Yea	2013			CC File	# 8282 -	2012-EMGT-
Effective Tern	n: Summer [	🗌 🛛 Fail 🗌	Spring 🛛			482-32
			<b>0k</b>		~~	
		Course	Change	гогт (		
			reating or modif	ying permanen	t courses.	
Course Cha		se Deletion	Cuedli	: Hours 🗋	Prerequi	cites 🕅
				e Number 🗌	Co-listin(	
Course Title		log Description		-	••••••	
				oposed items of		ge is being made.)
-		imt. & Sys. Eng		<b>.</b>		
=			resent : EMgt 48	2 Proj	posed:	
3. Course Title		: Financial En	gineering II			
	Propose					
Abbreviat	ed Course *	Title: Jos of Less On	ly needed for Ne	w Courses or T	itle Changes.	)
4. Catalog De	scription (40	Words or Less)	,		<b>-</b>	•
Present:	This course	introduces adv	anced topics in f	inancial engine	ering, which i	includes introduction to
	Wienver pro	ocesses, martin	gales and Ito's id	emma; basic nu	umerical meth	lods for options
			erest rate model	s; stochastic vo	platility model	s and jump-diffusion
	models; an	d value-at-risk.				
Proposed:						
5. If course r	equires field	trip check box:				
6. Credit Hou	rs:	Present:	Lecture:	Lab:	Total:	
	·	Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		Sys Eng 481				
	Dug mge s	.js 2				
Propose	d: Eng Mgt 4	81				
8. Required f	or Majors: 🗌	] Elective f	or Majors: 🛄			
9. Justificatio	_	- 2 is no longer offer	ed.			
	······································					
					201 401.	
	-	-	experimental co			les
	p-listed cours		Dept. Chair, if s		iot appear ne	iow.
1)		2)		3)		
4)		5)		6)		
-		۲	) J. J. S. ala			Date: 9/13/12
Recommende	ed by Depart	ment	Chair signatur	e)	 >	Dere: 11.51.10
D			••••••	$\cdot \mathcal{A} \mathcal{A} \mathcal{A}$	/ ¥ላ <u>በ</u> ንት	Date: 9/2-6(12
Recommende	ea by Discipli	ine specific cur	ricula Committee (Chair signatur	e) <u></u>	<u>· · ]</u>	Jale,
				-		Dates
Approved by	Curricula Co	mmittee:	(Chair signatur	e)		Date:
				-		Date:
Approved by	Faculty Sen	ate:	(Chair sionatur	<u>e)</u>		Date:

	From: 573 341 4	362 Page: 8/26	Date: 10/5/2012	5:07:05 PM	
Effective Year: 201		7	CC File #	* 8283-2	OIA·EMGT.
Term: Summer 🗖	Fall 🗌 Spring 🛛				382.32
	Course	e Change	Form (	CC)	
		creating or modif			
<u>Course Changes</u>	(Check all changes.)		_		-
New Course 🗌	Course Deletion 🗌		Hours 🗌	Prerequisit	
Course Title 🗌	Catalog Description		e Number 🛄	Co-listing	
<u>Course Informati</u>	<b>ion</b> (1-9 Must Be Con	npleted. Leave "Pr	oposed" items bla	ank if no change	is being made.)
1. Department: EM	ISE				
2. Discipline and C			•	osed:	
3. Course Title: Pro		erations Research	1		
	oposed:	202			
Abbreviated Cou	u <b>rse Title:</b> Eng Mg 3 4 Spaces or Less. Or	saz niv needed for Ne	w Courses or Tr	tle Changes.)	
4. Catalog Descriptio	n (300 Character Spa	ces or Less.)			
Present: Mathe	matical methods for	modeling and an	alyzing industri	al systems, to	pics including linear
progra	amming, transportat	ion models, and r	network models.	. Prerequisite:	Stat 215 of 215.
Proposed:					
<b>-</b>					
E 1f course requires	field trin check box	<u>,</u> []			
	s field trip check box Present:			Lab:	Total:
5. If course requires 6. Credit Hours:	s field trip check box Present:	: 🗔 Lecture:		Lab:	Total:
6. Credit Hours:			Lab:	Lab: Total:	Total:
6. Credit Hours: 7. Prerequisites:	Present; Proposed:	Lecture:	Lab:		Total:
6. Credit Hours: 7. Prerequisites:	Present:	Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Sta STA</li> </ul>	Present: Proposed: at 213 or 215	Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Sta STA</li> </ul>	Present: Proposed: at 213 or 215	Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Sta STA</li> </ul>	Present: Proposed: at 213 or 215 5 or 217	Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standard</li> <li>8. Standard</li> <li>9. S</li></ul>	Present: Proposed: at 213 or 215 5 or 217	Lecture: Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: State</li> <li>Proposed: 213</li> <li>8. Required for Majo</li> </ul>	Present: Proposed: at 213 or 215 5 or 217	Lecture: Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: State</li> <li>Proposed: 213</li> <li>8. Required for Majo</li> </ul>	Present: Proposed: at 213 or 215 5 or 217	Lecture: Lecture:	Lab:		Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standard Stan</li></ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f	Lecture: Lecture: for Majors: 🗌		Total:	Total:
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: State</li> <li>9. Proposed: 211</li> <li>8. Required for Majo</li> <li>9. Justification:</li> <li>10. Semesters prev</li> </ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f	Lecture: Lecture: for Majors: 🗆 experimental cou	urse (101, 201,	Total: 301, 401):	
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: State</li> <li>9. Proposed: 211</li> <li>8. Required for Majo</li> <li>9. Justification:</li> <li>10. Semesters prev</li> </ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f	Lecture: Lecture: for Majors: 🗆 experimental cou	urse (101, 201,	Total: 301, 401):	
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standsream Stan</li></ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f courses, initialed by 2)	Lecture: Lecture: for Majors: experimental cou Dept. Chair, If si 3)	urse (101, 201,	Total: 301, 401):	
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Sta Proposed: 211</li> <li>8. Required for Majo</li> <li>9. Justification:</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> </ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f riously offered as an courses, initialed by	Lecture: Lecture: for Majors: experimental cou Dept. Chair, if si	urse (101, 201,	Total: 301, 401):	
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standsream Stan</li></ul>	Present: Proposed: At 213 or 215 5 or 217 brs: Elective f riously offered as an courses, initialed by 2) 5)	Lecture: Lecture: for Majors: experimental cou Dept. Chair, If si 3) 6)	urse (101, 201, Ignature does no	Total: 301, 401): ot appear belo	
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standsrephone</li> <li>Proposed: 213</li> <li>8. Required for Majo</li> <li>9. Justification:</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1) Sys En 382</li> <li>4)</li> <li>Recommended by D</li> </ul>	Present: Proposed: At 213 or 215 5 or 217 brs: Elective f riously offered as an courses, initialed by 2) 5)	Lecture: Lecture: for Majors: experimental cou pept. Chair, If sl 3) 6) (Chair signature rricula Committee	urse (101, 201, ignature does no	Total: 301, 401): ot appear belo	w.
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: State Stat</li></ul>	Present: Proposed: At 213 or 215 5 or 217 brs: Elective f riously offered as an courses, initialed by 2) 5) Department Discipline Specific Cur	Lecture: Lecture: for Majors: experimental cou Dept. Chair, If sl 3) 6) Chair signature (Chair signature (Chair signature	urse (101, 201, ignature does no	Total: 301, 401): ot appear belo	W. Date: $\frac{91313}{2}$
<ul> <li>6. Credit Hours:</li> <li>7. Prerequisites: Present: Standsrephone</li> <li>Proposed: 213</li> <li>8. Required for Majo</li> <li>9. Justification:</li> <li>10. Semesters prev</li> <li>11. List all co-listed</li> <li>1) Sys En 382</li> <li>4)</li> <li>Recommended by D</li> </ul>	Present: Proposed: at 213 or 215 5 or 217 ors: Elective f riously offered as an courses, initialed by 2) 5) Department Discipline Specific Cur ula Committee:	Lecture: Lecture: for Majors: experimental cou pept. Chair, If sl 3) 6) (Chair signature rricula Committee	urse (101, 201, ignature does no	Total: 301, 401): ot appear belo	w. Date: $9/13/12$ Date: $9/26/12$

		From: 573 341 436	2 Page: 9/26	Date: 10/5/2012	5:07:05 PM	
Effective Yea Term: Summ		🛛 Spring 🗋		CC File a	# <i>8284</i> • 20	012. Sys E- 378-32
			Change			378-32
Course Cha	nges (Chec		_	ng permanen Iours 🗆	rerequísite	as 🕅
New Course		se Deletion 🛄		Number 🗔	Co-listing	
Course Title		log Description	-		_	
		1-9 Must Be Comp	ietea. Leave Proj	Josed Ireilis Di	ank ii no change i	is penig madely
1. Departme				70 0		
		Number: Pre		-	oosed:	
3. Course Titl		Introduction t	o Neural Networ	KS & Applicati	ions	
_ • •	Propose					
	ted Course T (24 Spaces (20 scription (30)	ri <b>tie:</b> ces or Less. Only <i>0 Character Space</i> :	needed for New s or Less.)	Courses or Ti	itle Changes.)	
Present:	BAM, and H resonance t	to artificial neur opfield memory, heory, are the to orks in engineer	counterpropaga pics covered. St	tion networks, udents experi	, self organizing ment with the u	back propagation, maps, adaptive se of artificial
Proposed:	1100101 110011	·····				
(Toposcal						
			-			
5. If course r	equires field	trip check box: [			<b></b>	
6. Credit Hou	ITS:	Present:	Lecture: 3	Lab: Lab:	Total: 3 Total:	
7. Prerequisi	tes'	Proposed:	Lecture:	Lap;	t VLQL.	
Present		4 or 229.				
	,					
Propose	d: Math 204	4 or 229 and grad	duate standing.			
8. Required f	for Majors: 🛛	Elective for	· Majors: 🔲			
9. Justificatio	on: Simplif	y prerequisites, p	present list is rec	lundant.		
10 Somesta	re praviausly	/ offered as an ex	oerimental cour	se (101, 201,	301, 401);	
		es, initialed by D				۷.
1) ECE368	2)		3)			
¥) LCL000	-)		-,			
4)	5)	_	6)			
Recommende	ed by Departi	ment 🚫	DEnle	~	(	Date: <u>9/13/12</u>
		ine Specific Curri	(Chair signature) cula Committee	Stop at	per	Date: 9/26/17
			(Chair signature)		ſ	Date:
Approved by						
	Curricula Co		(Chair signature)			
Approved by		ate:	(Chair signature) (Chair signature)			Date:

ł

	Fr	rom: 573 341 4362	Page: 10/26	Date: 10/5/2012		
Effective Yea Effective Tern	ar: 2013 n: Summer 🗌	Fall 🗌 Spr	ing 🛛	CC File #	18285-¿	2012 - Emst. 481-32
			'hango E	iorm ((	°C)	481-32
		Course C		-		, , , , , , , , , , , , , , , , , , , ,
Course Cha	inis I <b>nges</b> (Check a		iting or mounym	g permanent		
New Course		Deletion 🗌	Credit He	ours 🗖	Prerequis	ites 🛛
Course Title		Description		lumber 🗌	Co-listing	
	prmation (1-	9 Must Be Comple	ted. Leave "Propo	osed" items bla	ink if no chang	e is being made.)
	ent: Eng. Mgmi					
-		Number: Pres	ent : EMat 481	Prop	osed:	
3. Course Titl		Financial Engine		•		
3. Course Inc	e: Proposed:					
Abbreviat	ed Course Tit	:le:				
•	(24 Space	s or Less. Only r	needed for New	Courses or Ti	tle Changes.)	
4. Catalog De	scription (40 W	ords or Less)				
Present:	the future ma	rkets the pricin	g of forwards an vaps, the option:	a futures, for s markets, op	tion strategie	erivatives, including reements, interest es, the binomial and ility smiles.
Proposed:						
• • - •						
F 76	oquiros field tr	ip check box: 📋				
		resent:	Lecture:	Lab:	Totai:	
6. Credit Hou		roposed:	Lecture:	Lab:	Total:	
7. Prerequisit	tes:	T				
Present:	Eng Mgt 308	, Eng Mgt 352; Eng	Mgt 480 or Sys Eng	480 or equivaler	nt.	
Propose	<b>d:</b> Eng Mgt 137	or 308				
0 Demuined f	o- Maioro 🗍	Elective for l	Mators:			
•	or Majors: 🛄					
9. Justificatio	ant: EMg(352)	s no longer offered.				
		offered as an exp				
	o-listed courses	s, initialed by De	pt. Chair, if sign		ot appear bei	ow.
1)		2)		3)		
4)		5)		6)		
4)			0 \$ 0.	6)		Date: 9/12/12
-	ed by Departm		Chair signature)	6)		Date: 9/13/12
Recommende			<u>ک کر کو</u> (Chair signature) ula Committee (Chair signature)	6) -Stephs	Reper	Date: <u>9 13 12</u> Date: <u>9 24(12</u>
Recommende Recommende	ed by Discipline	ent	(Chair signature)	6) Stephs	Ruper	Date: <u>9 13 12</u> Date: <u>9 24(12</u> Date:
Recommende Recommende	ed by Discipline	ent <u> </u>	(Chair signature)	6) Stephe	Reper	
Recommende Recommende Approved by	ed by Discipline Curricula Com	ent	(Chair signature) (Chair signature)	6) Stephs	Ruper	

09/12/12

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com

(Revised 1/31/08)

	F	rom: 573 341 4362	Page: 11/26	Date: 10/5/2012	5:07:06 PM	
Effective Yea Term: Summ		Spring 🛛		CC File #	8286 - 20	12-Sys E- 412-32
rerm: summ					=	412-32
	( This	Course C	hange I	Form (C	CC) courses.	
Course Cha	nges (Check			- <del></del> -	<b>.</b>	. 🕅
New Course [		Deletion 🗌 🔄	Credit H		Prerequisite:	5 🛛
Course Title [		g Description 🗌		Number 🗖	Co-listing 🗌	halan maada l
Course Info	ormation (1-	9 Must Be Complet	ed. Leave "Prop	osed" items bla	ink if no change is	; peing mage.)
1. Departme				_	_	
2. Discipline		lumber: Prese			osed:	
3, Course Titl		Complex Engine	ering Systems	Project Manaç	gement	
	Proposed:					
	ed Course Tit (24 Space (300)	s or Less, Only n <i>Character Spaces o</i>	eeded for New	Courses or Tit	tle Changes.)	
4. Catalog De Present:	Containy English	neering Systems	iccues coecifi	- to distributed	d project manag	iement, team
FI ESCILL	dovolooment	resource manage Integrated Maste	ement, constra	int planning, (	development of	Integrated Master chedule, cost and
Proposed:						
5 If course r	equires field tr	ip check box: 🔲				
6, Credit Hou	_	resent:	Lecture: 3	Lab:	Totai: 3	
o, createriou		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisi Present:	tes:	8 and SysEng 46	8; can be take	n concurrently	with SysEng 40	58 with consent
Propose	d: SysEng 46	8.				
			<b></b>			
-	or Majors: 🛛	Elective for M				
9. Justificatio	on: Simplify	prerequisites, pre	sent list is red	undant.		
		ffered as an exp				
11. List all co	-listed course:	, initialed by Dep	ot. Chair, if sigr	nature does no	ot appear below	•
1)	2)		3)			
4)	5)		6)			-
-	·	500	8-20		~	ate: 9/13/12
Recommende	ed by Departm	ent	(Chair signature)	N D A.		
			<b>N N N</b>	p		ate: 9/26(12
Approved by	Curricula Com	mittee:	(Chair signature)		D	ate:
Approved by	Faculty Senate				D	ate:
,, ,, ,,	-					
			(Chair signature)			

7

	From:	573 341 4362	Page: 12/26	Date: 10/5/2012	2 5:07:06 PM	
Effective Year:	2013			CC File	# 8287-	2012 - Sys E- 411 - 32
Term: Summer [	📘 🖬 Fall 🛄	Spring 🖾				Y11 22
	6	urca C	hange l	Form (	CC)	///-sax
			ting or modifyi			
Course Chang				· 44 (F - · · · ·		
New Course	Course De		Credit H	ours 🗌	Prerequis	sites 🖂
Course Title 🗌		escription 🗌		Number 🗌	Co-listing	
Course Inform	nation (1-9 M	ust Be Complet	ed. Leave "Prop	osed" items bl	ank if no chang	ge is being made.)
1. Department:	EMSE					
2. Discipline an	d Course Nun	nber: Prese	nt : SysEng 41	1 Proj	posed:	
3. Course Title:	Present: Sy: Proposed:	stems Engine	ering Capstone	1		
Abbreviated	Course Title:			. –		, ,
4. Catalog Descri	(24 Spaces or	<sup>,</sup> Less. Only n racter Spaces (	eeded for New	Courses or I	itle Changes.	)
4. Catalog Descri Present: Th	o topics sovers	d ara: System	ns Engineering	Managemen	t Plan SEMP,	Systems Engineering
Dr	cesses proces	ss re-endinee	ring, standards	, actual syste	ems enginner	ing case studies.
Sti	udents will app	ly the skills a	nd theory that	they mastere	ed in previou	s five core courses to
	e analyses of a	ssigned cases				
Proposed:						
5. If course requ	ires field trip c	heck box: 🗔				
6. Credit Hours:	Pres		Lecture: 3	Lab:	Total: 3	
	Prop	osed:	Lecture:	Lab:	Total:	
7. Prerequisites: Present:	SysEng 368,40		13; can be tak	en concurren	tly with SysEi	ng 469 with
	consent of insi					
Proposed:	SysEng 412,40	59				
8. Required for N	laiors: 🕅	Elective for M	aiors: 🗌			
9. Justification:	•		sent list is red	undant.		
		,				
10. Semesters p	reviously offer	ed as an exp	erimental cours	se (101, 201,	301, 401);	
11. List all co-lis						low.
1)	2)		3)		••	
-	-		c)			
4)	5)	5	6)			
Recommended b	y Department	1)~	Enle (Chair cignature)	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Date: <u>9/13/18-</u>
Recommended b	y Discipline Sp	ecific Curricu	(Chair signature) la Committee (Chair signature)	shphak	span_	Date: 9126112
Approved by Cur	ricula Commit	tee:		· · ·		Date:
Approved by Fac	ulty Senate:		(Chair signature)			Date:
. Pp. 21.22 By 1 Ge			(Chair signature)			

(Revised 1/29/09)

		From: 573 341 436	2 Page: 13/26	Date: 10/5/2012	2 5:07:07 PM	
Effective Yea Term: Summe		🗌 Spring 🛛		CC File (	# 8288 - 20,	12-Sys E-
		<b>6</b>	Change		CC)	469-32
		Course	Change			
Course Cha			reating or modifyi	ng permanen		
New Course	_	se Deletion 🗌	Credit H	lours 🗌	Prerequisites 🛛	3
Course Title		log Description [	Course	Number 🗌	Co-listing 🗌	
				osed" items bl	ank if no change is b	eing made.)
1. Departme						
-		Number: Pr	esent : SysEng 46	59 <b>Pro</b> j	posed:	
3. Course Title		: Systems Arch				
	Propose					
Abbreviat	ed Course 1	fitle:		_		
4 Control - Dec	(24 Spa)	ces or Less. Only 10 Character Space	y needed for New	Courses of T	itle Changes.)	
4. Catalog De: Present:				basic tools an	d concepts of archi	tecting complex
er asent.	engineering	i systems, Syste	m Thinking, Amb	uquity in Syst	em Architecting, 50	earch as an
	Architecting	Process, SysML	and DoDAF Arch	itecting Fram	ework, System of S	systems and
	Network- Co	entric Architectu	ires.			
Proposed:						
5. If course re	equires field	trip check box:				
6. Credit Hou	rs:	Present:	Lecture: 3	Lab:	Total: 3	
7 Drenoeuloit		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:	SysEng3 of instruc		68; can be taken	concurrently	with SysEng 468 w	ith consent
Propose	d: SysEng 4	468.				
8. Required fo	or Majors: 🛛	Elective fo	r Majors: 🛄			
9. Justificatio	n: Simplif	y prerequisites,	present list is red	undant.		
10. Semeste	rs previously	v offered as an e	experimental cours	se (101, 201,	301, 401):	
			Dept. Chair, if sig			
1)	2)		3)			
_	_`		5)			
4)	5)	~	6)			- 1 - 1
Recommende	d by Depart	ment <u>\)</u> న	I hhe		. <u> </u>	e: 9/13/12
Recommende	d by Discipli	ine Specific Curr	(Chair signature) icula Committee (Chair signature)	Shar Key	Date	=: <u>9/26/14</u>
Approved by	Curricula Co	mmittee:		<b>_</b>	Date	ð:
••			(Chair signature)		Date	2:
Approved by	racuity sena	ale. <u> </u>	(Chair signature)			

	F	From: 573 341 4362	2 Page: 14/26	Date: 10/5/2012		
Effective Ye				CC File (	# 8289 · Z	1012 - EMGF 472 - 32
Effective Terr	m:Summer 🗌	] Fall 🗌 S	Spring 🛛			672-22
		Course	Change	Form (	CC)	110 30
	Th		reating or modify			
Course Cha	anges (Check	all changes.)				
New Course [	🗌 Cours	e Deletion 🗋	Credit	Hours 🗌	Prerequisit	es 🖂
Course Title [	🛛 Catalo	og Description	🛛 Course	Number 🗌	Co-listing [	_
Course Inf	ormation (1	-9 Must Be Com	pleted. Leave "Pro	posed" items bla	ank if no change	is being made.)
1. Departme	ent: Eng. Mgm	nt. & Sys. Eng.				
2. Discipline	and Course	Number: Pr	esent : EMgt 472	Prop	osed:	
3. Course Titl	le: Present:	Lean Manufa	cturing Systems			
	*	: Lean Systems				
Abbreviat	ted Course Ti		y needed for Nev	Courses or Ti	tle Changes )	
4. Catalog De	escription (40 v		y needed for New	Courses of Th	tie changes.)	
Present:	Lean manufa	cturing is a tot	al enterprise phil	osophy built o	n increasing the	e synergy between
	humans and	technological s	ystems. Use of v	arious concept	s such as flow,	just-in-time, lead
			dardized work, p I visual controls a			lick changeover,
Proposed:	÷				•	aste. Concepts such
· · - •			mes, inventory t			
			workplace organ	ization, and vi	sual controls a	re discussed to
	•	em performanc				
	-	rip check box:				
6. Credit Hou		Present:	Lecture:	Lab:	Total: Total: 3	
7. Prerequisit		Proposed:	Lecture:	Lab:	OTA : 3	
Present:	Graduate star	nding, and Eng Mg	, 372 or equivalent			
_						
Propose	<b>d:</b> Graduate star	nding				
8. Required fo	en Moisson 🗖					
9. Justificatio			r Majors: 🗌 faathia aanaa Théa	. 270 :	1	
ə, Justincatio	m. Oraduate si	anding is required	for this course. EMg	t 372 is not offered	i distance.	
			cperimental cour			
	-listed course:		ept. Chair, if sig		t appear below	1.
1)		2)		3)		
4)		5)		6)		
Perommende	d by Departme	ent	25.0		-	stor Gilia Lia
Recommende	d by Departing		(Chair signature)	Ν	Ŀ	are. This ha
Recommende	d by Discipline	Specific Currie	cula Committee	Sh Hop	er r	Date: <u>9/13/12</u> Date: <u>9/26/12</u>
					L	(
Approved by			(Chair signature)			
· · · · · · · · · · · · · · · · · · ·	Curricula Com	mittee:				)ate:
	Curricula Com	mittee:				)ate:
Approved by		mittee:	(Chair signature)	•	C	Date:

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com

	Fro	m: 573 341 4362	Page: 15/26	Date: 10/5/2012 5		
Effective Yea	ar: 2013 n: Summer 🗌	Fall 🗌 Sp	ring 🛛	CC File #	8290.	2012-EMGT- 408-32
	<i>с</i>	'ourse (	Change	Form ((	<b></b> )	408-32
			ating or modify		/	
<u>Course Cha</u>	nges (Check a		senig or modify	ing permanent	001303.	
New Course 🛙	] Course I	Deletion 🗌	Credit I	Hours 🗌	Prerequisit	es 🛛
Course Title 🗌	Catalog	Description 🗌	Course	Number 🛄	Co-listing	]
Course Info	ormation (1-9	Must Be Comple	ted. Leave "Proj	posed" items bla	nk if no change	is being made.)
1. Departme	<b>:nt:</b> Eng. Mgmt.	& Sys. Eng.				
2. Discipline	and Course N	umber: Pres	ent : EMgt 408	Prope	osed:	
3. Course Title	e: Present: I	inancial Risk N	fanagement			
	Proposed:					
	ed Course Title (24 Spaces scription (40 Wo	or Less. Only r	needed for New	Courses or Tit	le Changes.)	
Present:	•	-	nanading finan	rial rick includi	ing portfolio th	eory, Monte Carlo
	methods, ARIM	A, time series atility estimation	forecasting, Val on, random var	lue-at-Risk, str lables and prob	ess testing, ex pability distribu	treme value theory, itions, real options,
Proposed:				•	-	
S. If course re	quires field trip	check box:				
6. Credit Hour		sent:	Lecture:	Lab:	Total:	
		posed:	Lecture:	Lab:	Total:	
7. Prerequisite Present:						
	Eng Mgt 308, 3	52, or equivalent.				
Proposed	Eng Mgt 137 or	308				
8. Required fo	r Majors: 🗌	Elective for M	ajors: 🗌			
9. Justification	<del>-</del> ·	o longer offered.	•			
	-					
10. Semesters	s previously offe	ared as an ever	rimontal cours	- (101 201 2)		
	listed courses, i				* •	
1)		2)	er enany it aigh	3)	appear nerow	
		_		-,		
4)		5)		6)		
Recommended	by Department	: <u>`) د</u>	9 Ende		Di	ate: 9/13/12
			(Chair signature)	$\sim 0$		ate: $9/13/12$
Recommended	by Discipline S	•	a Committee 🔒 (Chair signature)	Sh Pyfe	<u>×</u> Di	ate: 9126/12
Approved by C	urricula Commit	ttee:			Da	ate:
			(Chair signature)		•	
Approved by Fa	aculty Senate:					ate:
			(Chair signature)			

	From: 573 341 4362	Page: 16/26	Date: 10/5/2012		
Effective Year: 20 Effective Term: Su	13 mmer 🗌 🛛 Fall 🛄 Spri	ing 🛛	CC File #	8291-	- גוטב-2012 אוז- 32
	Course C	'hange	Form ((	C)	¥∕3-32
	This form is for creat	ting or modifyi			
Course Changes	(Check all changes.)	cing of meanly.	••• •• •• •• •• •• •• •• •• •• •• •• ••	· · ·	
New Course	Course Deletion 🗌	Credit H	lours 🗌	Prerequis	ites 🛛
Course Title	Catalog Description	Course	Number 🗌	<b>Co-listing</b>	
	tion (1-9 Must Be Complet	ed. Leave "Prop	oosed" items bla	ink if no chang	e is being made.)
1. Department: E					
-	Course Number: Prese	nt : SysEng 4:	L3 Prop	osed:	
	resent: Economic Analy				
DI 000100	roposed:	-			
Abbreviated Co	ourse Title:			_	
() 4. Catalog Descript	24 Spaces or Less. Only n ion (40 Words or Less)				
Econ invol	ods of economic evaluation omic impacts on choosing ving risk and uncertainty, nse and commercial indus	and engineeri	atives, life cvc	le costing, eq	conomic decisions
Proposed:					
5 If course require	es field trip check box: 🗌				
6. Credit Hours:	Present:	Lecture: 3	Lab:	Total:	
o, creatt noots.	Proposed:	Lecture:	Lab:	Total:	
7. Prerequisites: Present: <sub>Sy</sub>	ysEng 368; can be taken o	concurrently w	ith SysEng 368	3 with concer	t of instructor
Proposed: S	sysEng 368.				
8. Required for Maj	jors: 🗌 🔹 Elective for M	lajors: 🔲			
•	Simplify prerequisites, pre	esent list is red	undant.		
	•····F···7 F····1····· 71				
	•	a vina a stal a tar	ee (101 - 201 - <sup>4</sup>	201 401)	
	viously offered as an expo d courses, initialed by Dep				ΩW/.
		yı. Chair, it siyi	ilature udes no 3)	rappen per	2111
1)	2)		3)		
4)	5)		6)		
<b>B</b>		5 2.			Date: 9/13/10
Recommended by		(Chair signature)	Ν		Dute: <u></u>
Recommended by	Discipline Specific Curricu	la Committee ( (Chair signature)	sh Ka	per	Date: <u>9/13/18</u> Date: <u>9-26-12</u>
Approved by Curri					Data
Approved by control	rula Committee:			i	Date:
	cula Committee:	(Chair signature)			
Approved by Eacut	cula Committee:	(Chair signature)			Date:

00/10/10

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com

(Revised 1/31/08)

		From: 573 341 436	62 Page: 17/26	Date: 10/5/2012 5			
Effective Ye	ar: 2013			CC File #	8292	2012- 8116-5	
Effective Terr	n: Summer 🕻	] 🛛 🗖 🗍	Spring 🛛			2012-EMGT 452-32	
		Ca	Change			102 22	
			Change				
Course Cha			reating or modifyi	ng permanent	courses.		
New Course		e Deletion	Credit H	lours 🗌	Prereau	iisites 🛛	
Course Title		og Description		Number 🔲	Co-listir	ng 🗖	
		-			nk if no cha	nge is being made.)	
		nt. & Sys. Eng					
-			resent : EMgt 452	Prop	osed:		
3. Course Titl			nancial Manageme	•			
5. Course inc	Proposed		······································				
Abbreviat	ted Course T	itle:		·			
	(24 Spac	es or Less. On	ly needed for New	Courses or Tit	le Changes	5.)	
-		Words or Less)			tashaalaal	al antornrica: demande	•
Present:	Principles of for funds: in	financial organ ternal and exte	ernal supply of fun	gement in the ds: budgetary	control: re	cal enterprise; demands serve and dividends	,
	policy. Empl	hasizes system	s approach and pr	oblems of engi	neering de	sign and automation as	
		ce financial dec					
Proposed:							
5 76 anuma a		tation and and a feature	<b></b>				
5. If course r	equires tiela i	trip check box:					
6. Credit Hou	-	Present:	Lecture:	Lab:	Total:		
6. Credit Hou	irs:			Lab: Lab:	Totai: Totai:		
6. Credit Hou 7. Prerequisi	irs: tes:	Present: Proposed:	Lecture:		4		
6. Credit Hou	tes:	Present: Proposed:	Lecture:		4		
6. Credit Hou 7. Prerequisi Present:	tes: Eng Mgt 35	Present: Proposed: 2.	Lecture:		4		
6. Credit Hou 7. Prerequisi Present:	irs: tes:	Present: Proposed: 2.	Lecture:		4		
6. Credit Hou 7. Prerequisi Present: Propose	tes: Eng Mgt 35	<b>Present:</b> <b>Proposed:</b> 2. 7 or 308	Lecture:		4		
6. Credit Hou 7. Prerequisi Present: Propose	tes: Eng Mgt 35 d: Eng Mgt 13	<b>Present:</b> <b>Proposed:</b> 2. 7 or 308	Lecture: Lecture: or Majors: 🗔		4		
6. Credit Hou 7. Prerequisi Present Propose 8. Required f	tes: Eng Mgt 35 d: Eng Mgt 13	Present: Proposed: 2. 7 or 308 Elective fo	Lecture: Lecture: or Majors: 🗔		4		
6. Credit Hou 7. Prerequisi Present Propose 8. Required f	tes: Eng Mgt 35 d: Eng Mgt 13	Present: Proposed: 2. 7 or 308 Elective fo	Lecture: Lecture: or Majors: 🗔		4		
6. Credit Hou 7. Prerequisi Present: Propose 8. Required f 9. Justificatio	tes: Eng Mgt 35 ed: Eng Mgt 13 for Majors:	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer	Lecture: Lecture: or Majors: [] ed.	Lab:	Total:		
<ol> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> </ol>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an o	Lecture: Lecture: or Majors: [] ed. experimental cours	Lab: se (101, 201, 3	Total: 801, 401);	elow.	
<ol> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> </ol>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an o	Lecture: Lecture: or Majors: [] ed.	Lab: se (101, 201, 3	Total: 801, 401);	elow.	
<ol> <li>Credit Hou</li> <li>Present: Propose</li> <li>Required f</li> <li>Justification</li> <li>List all continues</li> </ol>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an o as, initialed by 2)	Lecture: Lecture: or Majors: [] ed. experimental cours	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);	elow.	
<ol> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all control</li> </ol>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352	Present: Proposed: 2. 7 or 308 Elective fo t is no longer offer offered as an o as, initialed by	Lecture: Lecture: or Majors: [] ed. experimental cours	Lab: se (101, 201, 3 nature does no	Total: 801, 401);		
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all condition</li> <li>1)</li> <li>4)</li> </ul>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an or as, initialed by 2) 5)	Lecture: Lecture: or Majors: ed. ed. experimental cours Dept. Chair, if sign	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);		
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all continue</li> <li>1)</li> <li>4)</li> <li>Recommended</li> </ul>	ed by Departr	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an or as, initialed by 2) 5) nent	Lecture: Lecture: Der Majors: ed. ed. ed. Dept. Chair, if sign Dept. Chair, if sign (Chair signature)	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);		
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all continue</li> <li>1)</li> <li>4)</li> <li>Recommended</li> </ul>	ed by Departr	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an or as, initialed by 2) 5) nent	Lecture: Lecture: Der Majors: ed. ed. experimental cours Dept. Chair, if sigs (Chair signature) ricula Committee	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);	elow. Date: <u>7/13/12</u> Date: <u>7/26/1</u> 2	
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all continue</li> <li>1)</li> <li>4)</li> <li>Recommended</li> </ul>	ed by Departr	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an or as, initialed by 2) 5) nent	Lecture: Lecture: Der Majors: ed. ed. ed. Dept. Chair, if sign Dept. Chair, if sign (Chair signature)	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);	Date: <u>9/13/13</u> Date: <u>9/26/1</u> 2	
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all control</li> <li>1)</li> <li>4)</li> <li>Recommended</li> <li>Recommended</li> </ul>	ed by Departr ed by Disciplin	Present: Proposed: 2. 7 or 308 Elective for t is no longer offer offered as an or as, initialed by 2) 5) nent	Lecture: Lecture: Der Majors: ed. ed. ed. Experimental cours Dept. Chair, if sign (Chair signature) ricula Committee (Chair signature)	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);		
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all control</li> <li>1)</li> <li>4)</li> <li>Recommended</li> <li>Recommended</li> </ul>	ed by Departr ed by Disciplin	Present: Proposed: 22. 27 or 308 Elective for 2 is no longer offer offered as an or as, initialed by 2) 5) nent he Specific Curr	Lecture: Lecture: Lecture: or Majors: ed. ed. experimental cours Dept. Chair, if sign Dept. Chair, if sign (Chair signature) ricula Committee (Chair signature)	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);	Date: <u>9/13/13</u> Date: <u>9/26/12</u> Date:	
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required f</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all control</li> <li>1)</li> <li>4)</li> <li>Recommended</li> <li>Recommended</li> <li>Approved by</li> </ul>	tes: Eng Mgt 35 d: Eng Mgt 13 for Majors: on: EMgt 352 rs previously o-listed course ed by Departr ed by Disciplin Curricula Cor	Present: Proposed: 22. 27 or 308 Elective for 2 is no longer offer offered as an or as, initialed by 2) 5) nent he Specific Curr	Lecture: Lecture: Der Majors: ed. ed. ed. Experimental cours Dept. Chair, if sign (Chair signature) ricula Committee (Chair signature)	Lab: se (101, 201, 3 nature does no 3)	Total: 801, 401);	Date: <u>9/13/13</u> Date: <u>9/26/1</u> 2	

	Fro	om: 573 341 4362	Page: 18/26	Date: 10/5/2012	1	
Effective Year: Effective Term:		Fall 🔲 Sp	ring 🛛	CC File #	8293-	2012 - EMGT 480-32
	(	'Aurea (	<sup>c</sup> hange	Form (	CC)	780-32
				/ing permanent		
Course Chang				, <b></b> F		
New Course		Deletion 🗌	Credit	Hours 🗌	Prerequis	ites 🖾
Course Title 📋	Catalog	Description	Course	Number 🔲	Co-listing	
Course Inform	nation (1-9	Must Be Comple	eted. Leave "Pro	oposed" items bla	ank if no chang	e is being made.)
1. Department						
2. Discipline ar			ent : EMgt 480	) Ргор	osed:	
3. Course Title:		Investment				
	Proposed:					
Abbreviated 4. Catalog Desci	(24 Spaces	or Less. Only	needed for Nev	w Courses or Ti	tie Changes.)	
—			and practice o	f investment, ir	ncluding finar	icial markets and
in	struments, se remiums, the	ecurity trading capital asset r	, mutual funds pricing model, a	, investment ba	inking, intere g theory, mai	st rates, risk rket efficiency, bonds
Proposed:						
5. If course requ	ures field tri	o check box: 🗆	1			
6. Credit Hours:		esent:	Lecture:	Lab:	Total:	
	Pr	oposed:	Lecture:	Lab:	Total:	
7. Prerequisites			•			
Present:	Eng Mgt 208,	308, 352, or equiv	alent.			
Proposed:	Eng Mgt 137 c	or 308				
8. Required for	Maiors: 🗍	<b>Elective</b> for	Majors: 🛄			
9. Justification:	-	no longer offered.				
10. Semesters		fered on on ov	novimental cou	me (101 - 201	301 401	
	NICTIVUSIT VI					ow.
				Anorala acce II	as abbeen ner	
11. List all co-li			ept. Chair, if si			
		2)	ept. Chair, ir si	3)		
11. List all co-li			ept. Chair, ir si			
11. List all co-li: 1) 4)	sted courses,	2) 5)	) Enha	3)		Date: <u>9/13/12</u>
11. List all co-li: 1)	sted courses,	2) 5)	) کہ جمعہ (Chair signature	3) 6)		Date: <u>9/13/12</u>
11. List all co-li: 1) 4)	sted courses, by Departme	2) 5) nt <u></u>	) کہ کے (Chair signature	3) 6) <u>S-Raf</u>	Ler	Date: <u>9/13/12</u> Date: <u>9/26/12</u>
11. List all co-lis 1) 4) Recommended	<b>sted courses,</b> by Departme by Discipline	2) 5) nt <u>Specific Curric</u>	) <u>E. R. (</u> (Chair signature ula Committee (Chair signature	3) 6) <u>- S- Paf</u>	2er	Date: <u>9/13/12</u> Date: <u>9/26/12</u> Date:
<ul> <li>11. List all co-list</li> <li>1)</li> <li>4)</li> <li>Recommended</li> <li>Recommended</li> </ul>	<b>sted courses,</b> by Departme by Discipline	2) 5) nt <u>Specific Curric</u>	) <u>{</u> (Chair signature ula Committee	3) 6) <u>- S- Paf</u>	er	U

		From: 573 341 4362	Page: 19/26	Date: 10/5/2012	2 5:07:09 PM	
Effective Yea Term: Summ		🗌 Spring 🛛		CC File	# 8294-20	12-IST354-33
		Course	Change	Form (	CC)	
	Т	his form is for cre		-	-	
Course Cha	Inges (Chec	k all changes.)	-			
New Course [	🗌 Cour	se Deletion 🗌	Credit	Hours 🗌	Prerec	juisites 🖾
Course Title 🛛	🖾 Catal	log Description 🛛	Course	Number 🔲	Co-list	ing 🗌
Course Info	ormation (	1-9 Must Be Comp	eted. Leave "Pro	posed" items bi	lank if no ch	ange is being made.)
		s & Information T				
2. Discipline			sent : IST 354	Pro	posed:	
3. Course Titl		: Multi-media D		d Design	-	
51 000100 110		d: Advanced Wet	-		ent	
Abbreviat	_	Fitle: Advanced [		-		
	(24 Spa	ces or Less. Only	needed for Nev	w Courses or T	itle Chang	es.)
4. Catalog De		0 Character Spaces			_	
Present:	The course	ill learn current p covers tools for c ted multimedia ir	levelopment of	elopment and 2-D and 3-D g	design of i graphics, vi	nteractive multimedia. deo, audio, animation,
Proposed:	based medi advanced v	a, including text,	graphics, anim d Digital Media	ation, audio, a	and video. 🛛	l development of web- This course is an ional assignments. No
5. If course re	equires field	trip check box: 🕻	כ			
6. Credit Hou	rs:	Present:	Lecture: 3	Lab:	Total:	3.0
		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		r Comp Sci 53 or	Comp Sci 73 o	r Comp Sci 74		
Propose	<b>d:</b> Graduate	e Standing				
8. Required f	or Majors: 🗌	Elective for	Majors: 🛛			
9. Justificatio		is being coordina ite Certificate in [		36. It will be r	equired for	r the proposed
10. Semeste	rs previously	/ offered as an ex	perimental cou	rse (101, 201,	301, 401)	:
		ies, initialed by D			ł	
1)	2)		3)			
4)	5)		6)	/		<u> </u>
Recommende	ed by Departi	ment	(Chair signature			Date: $\frac{9-2(-1)}{12}$ Date: $\frac{9/26}{12}$
		ine Specific Curric		Huy /h	lekit-	
Approved by	Curricula Co	mmittee:	(Chair signature	· · · · ·		Date:
Approved by	Faculty Sena	ate:	(Chair signature			Date:

			From: 573 341	4362 Page: 20/2	26 Date: 10/5/2	012 5:07:09 PM	
	fective Yea rm: Summe		🗌 Spring		CC FI	le # 8295-20	12-IST352-33
			This form is f	se Chang		• •	
<u>C</u>	urse Cha	•	ck all changes				
•••	w Course [		rse Deletion		dit Hours 🗔		uisites 🛛
	urse Title 🗌		log Descript		urse Number 🛄		
					"Proposed" item	s blank it no ch	ange is being made.)
	-		s & Informat				
	•			Present : IST 3		Proposed:	
3.	Course Title			i Web Developmo	ent		
		Propose					
		ed Course (24 Spa scription (30	aces or Less.	Only needed for Spaces or Less.)	New Courses o	r Title Change	es.)
	Present:	extracting a Interaction	and deliverin with other V	ment techniques g dynamic inforn Veb servers, espo rk is required.	nation to/from	Web servers <del> </del>	on; methods for - a hands-on approach. btain and deliver
	Proposed:	extracting Emphasis o	and deliverin	n with servers; m	nation to/from	Web servers 🗄	on; methods for a hands-on approach. processing of graphics &
5.	If course re	equires field	l trip check b				
	If course re Credit Hou	-	-		3 <b>Lab:</b>	Total:	3.0
6.	Credit Hou	rs:	l trip check b	ox: 🗌	3 Lab: Lab:	Total: Total:	3.0
6.		rs: :es:	l trip check b Present: Proposed:	ox: 🗌 Lecture:			3.0
6.	Credit Hour Prerequisit Present:	rs: ies:	l trip check b Present: Proposed:	ox: 🗌 Lecture:			3.0
6. 7. 8.	Credit Hour Prerequisit Present: Proposed Required fo	rs: IST 286 d: IST 51, or Majors: [	I trip check b Present: Proposed: IST 286	ox: 🗍 Lecture: Lecture:	Lab:	Total:	
6. 7. 8.	Credit Hour Prerequisit Present: Proposed	rs: IST 286 d: IST 51, or Majors: [ on: Course have p	I trip check b Present: Proposed: IST 286 BELECTIV will be elect programming	ox: 🗍 Lecture: Lecture:	Lab: roposed Gradu e, but no longe	<b>Total:</b> ate Certificate r does. A bas	s. IST 286 used to ic knowledge of
6. 7. 8. 9.	Credit Hour Prerequisit Present: Proposed Required fo Justificatio	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra	I trip check b Present: Proposed: IST 286 Elective will be elect programming is new	ox: Lecture: Lecture: Lecture: ive for Majors: tive in two new p as a prerequisite eded, so the IST	Lab: roposed Gradu e, but no longer 51 prerequisite	<b>Total:</b> ate Certificate does. A bas a has been ad	s. IST 286 used to ic knowledge of ded.
6. 7. 8. 9.	Credit Hour Prerequisit Present: Proposed Required fo Justificatio	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a	ox: Lecture: Lecture: te for Majors: tive in two new p as a prerequisite	Lab: roposed Gradu e, but no longe 51 prerequisite course (101, 2	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	s. IST 286 used to ic knowledge of ded.
6. 7. 8. 9.	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a	ox: Lecture: Lecture: Lecture: Ve for Majors: ive in two new p as a prerequisite eded, so the IST	Lab: roposed Gradu e, but no longe 51 prerequisite course (101, 2	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	s. IST 286 used to ic knowledge of ded.
6. 7. 8. 9. 10	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra rs previoush -listed course	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a	ox: Lecture: Lecture: Lecture: Ve for Majors: ive in two new p as a prerequisite eded, so the IST an experimental by Dept. Chair, i	Lab: roposed Gradu e, but no longe 51 prerequisite course (101, 2	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	es. IST 286 used to ic knowledge of ded. <b>below.</b>
<ol> <li>6.</li> <li>7.</li> <li>8.</li> <li>9.</li> <li>10</li> <li>11</li> <li>1)</li> <li>4)</li> </ol>	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra rs previoush -listed course 2) 5)	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a	ox: Lecture	Lab: roposed Gradu e, but no longe 51 prerequisite course (101, 2	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	es. IST 286 used to ic knowledge of ded. <b>below.</b>
<ol> <li>7.</li> <li>8.</li> <li>9.</li> <li>10</li> <li>11</li> <li>1)</li> <li>4)</li> <li>Ref</li> </ol>	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semested . List all co	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra rs previoush o-listed course 2) 5) ed by Depart	I trip check b Present: Proposed: IST 286 BELECTIVE will be elect programming imming is new y offered as a ses, initialed	e for Majors: Lecture: Lecture: Lecture: Lecture: ive in two new p as a prerequisite eded, so the IST an experimental by Dept. Chair, i 3) 6) Chair signa Curricula Commit	Lab: roposed Gradu e, but no longer 51 prerequisite course (101, 2) f signature doc	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	s. IST 286 used to ic knowledge of ded.
6. 7. 8. 9. 10 11 1) 4) Re Re	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co ecommende commende	rs: IST 286 d: IST 51, or Majors: [ on: Course have p progra rs previoush -listed course 2) 5) ed by Depart ed by Discipl	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a ses, initialed tment line Specific (	e for Majors: Lecture: Lecture: Lecture: Lecture: Sive in two new p as a prerequisite eded, so the IST an experimental by Dept. Chair, I 3) 6) (Chair signa Curricula Commit (Chair signa	Lab: roposed Gradu e, but no longer 51 prerequisito course (101, 20 f signature doc f signature doc	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	es. IST 286 used to ic knowledge of ded. <b>below.</b>
<ol> <li>7.</li> <li>8.</li> <li>9.</li> <li>10</li> <li>11</li> <li>1)</li> <li>4)</li> <li>Re</li> <li>Ap</li> </ol>	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co ecommende commende	rs: IST 286 d: IST 51, or Majors: [ have p progra rs previoush -listed cour 2) 5) ed by Depart ed by Discipl Curricula Co	I trip check b Present: Proposed: IST 286 BELECTIVE will be elect programming imming is new y offered as a ses, initialed tment line Specific ( pommittee:)	e for Majors: Lecture: Lecture: Lecture: Lecture: ive in two new p as a prerequisite eded, so the IST an experimental by Dept. Chair, I 3) 6) (Chair signa Curricula Commit (Chair signa	Lab: roposed Gradu e, but no longer 51 prerequisito course (101, 20 f signature doc f signature doc	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	is. IST 286 used to ic knowledge of ded. below. Date: $\frac{9 - 2 \tau - \frac{1}{2}}{9/26/12}$ Date: Date:
<ol> <li>7.</li> <li>8.</li> <li>9.</li> <li>10</li> <li>11</li> <li>1)</li> <li>4)</li> <li>Re</li> <li>Ap</li> </ol>	Credit Hour Prerequisit Present: Proposed Required fo Justificatio . Semester . List all co ecommende commende	rs: IST 286 d: IST 51, or Majors: [ have p progra rs previoush -listed cour 2) 5) ed by Depart ed by Discipl Curricula Co	I trip check b Present: Proposed: IST 286 Elective will be elect programming imming is new y offered as a ses, initialed tment line Specific (	e for Majors: Lecture: Lecture: Lecture: Lecture: ive in two new p as a prerequisite eded, so the IST an experimental by Dept. Chair, I 3) 6) (Chair signa Curricula Commit (Chair signa	Lab: roposed Gradu e, but no longer 51 prerequisite course (101, 2) f signature doc ture) tee	Total: ate Certificate r does. A bas a has been ad 01, 301, 401):	ps. IST 286 used to ic knowledge of ded. below. Date: $\frac{9 - 2 \tau - \frac{7}{2}}{2}$ Date: $\frac{9 - 2 \tau - \frac{7}{2}}{2}$

		From: 573 341 4362	Page: 21/26	Date: 10/5/2012	2 5:07:09 PM	
Effective Yea Term: Summe		🗌 Spring 🛛		CC File	# 8296-2012-IST38	6-34
		Course	Change I	Form (	CC)	
	т	his form is for cre				
Course Cha			······ •	2.		
New Course	Cour	rse Deletion 🔲	Credit H	ours 🗌	Prerequisites 🗌	
Course Title	] Cata	log Description 🖾	Course	Number 🗌	Co-listing 🔲	
Course Info	ormation (	(1-9 Must Be Compl	eted. Leave "Prop	osed" items b	lank if no change is be	ing made.)
1. Departme	ent: Busines	s & Info Tech				
2. Discipline	and Course	e Number: Pre	sent : IST 386	Pro	posed:	
3. Course Title	e: Present	: Human-Compu	ter Interaction I	Prototyping		
	Propose					
Abbreviat	ed Course "	Title: Ices or Less. Only	needed for New	Courses or T	itle Changes.)	
4. Catalog De	scription (30	0 Character Spaces	or Less.)	0001000 01 1		
Present:	This course	covers designs, r	nethods and too	ls for creatin	g low and high fideli	ty prototypes of
	information	i technology syste	ms, which is par	t of the itera	tive design cycle cor	nmonly used for
	the creation	n of usable inform	ation technologi	25.		
Proposed:	systems as	e covers methods a well as design co J., desktop vs. mo	ncepts, including	ating low and best practic	d high fidelity prototy es and guidelines fo	vpes of IT r different form
5. If course re	equires field	trip check box: 🗌	]			
6. Credit Hou	rs:	Present:	Lecture: 3.0	Lab:	Total: 3.0	
		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		or web design ex	perience: preced	ed or accom	panied by IST 385	
	101 200	or neb design ex	serience, proces		· · · · · · · · · · · · · · · · · · ·	
Propose	d:					
8. Required fo	or Majors: 🗌	Elective for	Majors: 🔀			
9. Justificatio	n: Course	has been modifie	d to keep up wit	h technologi	cal change.	
10. Semeste	rs previously	y offered as an ex	perimental cours	ie (101, 201,	301, 401):	
		-			not appear below.	
1)	2)	•	3)			
7						
4)	5)		<b>6)</b>	)		9-25-12
Recommende	ed by Depart	ment	<u>ANC</u>	As	Date	
Recommende	ed by Discipli	ine Specific Curric	(Chair signature) ula Committee (Chair signature)	New Her	Date	9-25-12 9/26/12
Approved by	Curricula Co	mmittee:	(Chair signature)		Date	•
Approved by	Faculty Sena	ate:		- 1417	Date	· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·			(Chair signature)			

	From: 573 341 4362	Page: 22/26	Date: 10/5/2012	5:07:10 PM	
Effective Year: 201 Term: Summer 🗌	3 Fall 🗌 Spring 🛛		CC File #	# 8297-201 <b>;</b>	2-МКТ 331-10
Course Changes	Course ( This form is for cre (Check all changes.)				
		Cuadit	dours 🗌	Prerequi	icitos 🗍
New Course 🛛	Course Deletion		Number	Co-listin	
Course Title	Catalog Description				
	ion (1-9 Must Be Comple		posed" items pla	ink ir no char	ige is being made.)
1. Department: Bu	isiness & Information Te	echnol			
2. Discipline and C	Course Number: Pres	ient:	Prop	osed: MKT (	331
3. Course Title: Pr	esent:				
Pr	oposed: Promotions Ma	nagement			
(2	<b>urse Title:</b> Promotions 4 Spaces or Less. Only on (300 Character Spaces	needed for New	/ Courses or Ti	tle Changes	·.)
adver applyi	ing media tools, and de	ion. Topics incl veloping advert	ude setting adv	ow they affe vertising obj	ect decisions in jectives and the budget,
5. If course requires	s field trip check box: 🗌	ļ		_	
6. Credit Hours:	Present:	Lecture:	Lab:	Total:	-
7. Prerequisites: Present:	Proposed:	Lecture: 3.0	Lab:	Total: 3	.0
Proposed: Psy	ych 50				
8. Required for Majo 9. Justification: T	ors: 🗌 Elective for aught as MKT 301 in F1	-			
	viously offered as an ex courses, initialed by De 2)				slow.
4)	5)	6)			<u> </u>
		Dun l	the		Date: $\frac{9 - 3(7 - 1)}{12}$ Date: $\frac{9}{12}$
Recommended by D		(Chair signature)	10 10	001	
	Discipline Specific Curric	ula Committee (Chair signature)	Dany blan	thank -	Date: <u>9/14//2_</u>
Approved by Currici	ula Committee:	(Chair signature)		<b>_</b>	
Approved by Faculty	y Senate:	(Chair signature)			Date:

		From	: 573 341 4362	Page: 23/26	Date: 10/5/2012	: 5:07:10 PM	
Effective Yea Term: Summ		all 🗌	Spring 🛛		CC File	<b>#</b> 8298 <b>#</b> -2	2012-ERP341-33
		<b>•</b>		hanga	Earm (	CC)	
				Change ting or modify			
Course Cha	i <b>naes</b> (C			iong of mouny	ing permonen		
New Course	-		eletion 🗌	Credit	Hours 🛄	Prerec	auisites 🗌
Course Title 🛛	C:	atalog D	Description 🖂	Course	Number 🛄	Co-lis	ting 🗖
Course Info	ormation	<u>1</u> (1-9 M	4ust Be Comple	ted. Leave "Pro	posed" items bl	lank if no ch	ange is being made.)
1. Departme	ent: Busin	iess & I	nfo Tech				
2. Discipline	and Cou	rse Nu	mber: Pres	ent : ERP 341	Proj	posed:	
3. Course Titl	e: Prese	ant: Ei	nterprise Port	al Application	Development		
	Prope	osed: Er	nterprise Porta	al and Mobile /	Application De	velopment	
Abbreviat			Portal & Mob	ile App Dev leeded for Nev		itle Chang	
4. Catalog De			aracter Spaces (		V COUISES OF T	rue chang	cs. <i>)</i>
Present:	_				n and hands o	n experien	ce in web based
	application	ons dev	elopment dep	loyed through	an Enterprise	Portal plat	form. SAP Netweaver
	Enterpris develop i			luding Visual (	Composer and	web Dynp	ro will be used to
Proposed:	-			al foundation	and hands on	experience	in web based
Proposcu.	application	ons dev	elopment dep	loyed through	an Enterprise	Portal and	Mobile platform. SAP
					ling Visual Cor	nposer, W	eb Dynpro, and Sybase
F 70			n will be used	tor apps.			
5. If course re 6. Credit Hou	-		sent:	Lecture: 3.0	Lab:	Total:	30
o. crean nou	13:		posed:	Lecture:	Lab:	Total:	
7. Prerequisit			•				
Present:	Progra	amming	knowledge a	nd either ERP (	246 or precede	ed or accoi	mpanied by ERP 346.
<b>D</b>	-J.						
Propose	<b>a</b> :						
8. Required fo	or Maiors:		Elective for N	lators: 🕅			
•	-			to keep up w	ith technologia	al change	
		,,,			<b>_</b>		
10 Ecmanto		chu offe		erimental cou	ma (101 201	201 401	•
				pt. Chair, if sig			
1)	-113120 20			3)			
-,		-		-			
4)	5)	)		6)			0.01
Recommende	d by Depa	artment		Zun	m, _,	,A	Date: $\frac{7 - 28 - 12}{2}$
Recommende	d by Disci	ipline S	pecific Curricu	(Chair signature) la Committee	Ban Han	whent	Date: <u>9-28- 12</u> Date: <u>14/2/12</u>
Approved by	·			(Chair signature)	~ / · · ·		Date:
•••				(Chair signature)		<b>_</b> _	
Approved by	Faculty Se	enate:	• 10	(Chair signature)			Date:
				Venan signorare)			

	F	rom: 573 341 4362	Page: 24/26	Date: 10/5/2012	2 5:07:10 PM	
Effective Yea Term: Summo		] Spring 🛛		CC File	# 8299-20	12-IST241-33
		Course ( is form is for cre		_	• - •	
Course Cha						<b>F</b> 2
New Course	Cours	e Deletion 🗌		Hours 🗌		uisites 🛛
Course Title 🛛	-	og Description 🛛		3 Number 🖾	Co-list	—
Course Info	ormation (1	-9 Must Be Comple	eted. Leave "Pro	oposed" items b	lank if no ch	ange is being made.)
1. Departme	ent: Business	& Info Tech				
2. Discipline	and Course	Number: Pres	ent : IST 241	Pro	posed:	
3. Course Title		E-Commerce				
	•	: Electronic and		rce		
	(24 Space	i <b>tle:</b> E- & Mobile es or Less. Only <i>Character Spaces</i>	needed for Net	w Courses or 1	Fitle Chang	es.)
Present:				inagement and	t applicatio	n to Information
Fiesent.	Technologies issues of inte include: man	:. This course exa grating IT into o agement; organ	amines the use rganization pro izations	e of IT in busin presses to gain	ess proces n a compet	ses and the management itive advantage. Topics
Proposed:	commerce. E	to fundamental ( Examines the use T into organization	e of IT in busin	ess processes	and the ma	n to IT and support of anagement issues of intage.
5. If course re	equires field t	rip check box: 🗌	]			
6. Credit Hou	rs:	Present:	Lecture: 3.0	Lab:	Total:	3.0
		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		ST 286				
Propose	d: IST 50, At	: least Sophomor	e standing			
8. Required fo	or Majors: 🔲	Elective for	Majors: 🛛			
9. Justificatio		nas been modifie e needed as a pr		ith technologi	cal change	IST 286 will no
- · · · ·	• •	offered as an ex s, initialed by De				
4	-		<b>E</b> )			
4)	5)		6) つ .ノイ			9-2-1
	d by Departm	_	(Chair signature	~ 10	711	Date: $\frac{9-36-7}{2}$ Date: $\frac{10}{2}$
		e Specific Curric	And a second		ases -	
Approved by	Curricula Com	nmittee:	(Chair sionature	- )		Date:
Approved by	Faculty Senat	e:	(Chair signature			Date:

		From: 573 341 4362	Page: 25/26	Date: 10/5/2012	2 5:07:11 PM	
Effective Yea Term: Summa		🗌 Spring 🛛		CC File	# 8300-2012	2-IST-233-34
		Course	Change F	form (	CC)	
	Th		ating or modifyin			
Course Cha			, ···  , ··· , ··· , ··· , ··· , ··· , ··· , ··· , ··· , ···			
New Course	 Cours	e Deletion 🗌	Credit He	ours 🗌	Prerequi	isites 🗌
Course Title	Catalo	og Description 🛛	Course N	iumber 🗌	Co-listin	g 🗆
Course Info	ormation (1	9 Must Be Compl	leted. Leave "Propo	osed" items b	lank if no chan	ige is being made.)
	ent: Business					
-		Number: Pre	sent : IST 233	Pro	posed:	
3. Course Titl			o Telecommunica	tions Netwo	orks	
	Proposed	1:				
Abbreviat	ed Course T	itie:		_		
	(24 Spac	es or Less. Only	needed for New (	Courses or T	Title Changes	.)
4. Catalog De Present:	-	) Character Spaces		t and avalvi	na telecomm	unications
Present:	technologies managemen	. including voice	network technolog	It includes a	network cons	truction, operation and cols; switching; area
Proposed:	including voi protocols; ne	ice, data and vid etwork construct	to current and ev leo. Concepts incl tion, operation an rk infrastructure.	ude network	c technologie:	s, standards and
		_	_			
5. If course re		rip check box:	]			
5. If course re 6. Credit Hou	equires field t rs:	rip check box: [ Present:	Lecture: 3.0	Lab:	Total: 3	.0
	equires field t rs: tes:	trip check box: [	Lecture: 3.0	Lab: Lab:	Total: 3 Total:	.0
6. Credit Hou 7. Prerequisit	equires field t rs: tes: IST 151 o	trip check box: [ Present: Proposed:	Lecture: 3.0	+		.0
6. Credit Hou 7. Prerequisit Present: Propose	equires field t rs: tes: IST 151 o d: or Majors: []	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for	Lecture: 3.0 Lecture:	Lab:	Total:	.0
<ol> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> </ol>	equires field t rs: tes: IST 151 o d: or Majors: on: Course f on: Course f	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex	Lecture: 3.0 Lecture:	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	
<ol> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all contracts</li> </ol>	equires field t rs: tes: IST 151 o d: or Majors: on: Course t on: Course t rs previously	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex	Lecture: 3.0 Lecture: Majors: ed to keep up with perimental course ept. Chair, if sign	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	slow.
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all cont</li> <li>1)</li> <li>4)</li> <li>Recommender</li> </ul>	equires field t rs: IST 151 o d: or Majors: on: Course f rs previously o-listed course 2) 5) ed by Departm	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex as, initialed by P	Lecture: 3.0 Lecture: Majors: ⊠ ed to keep up with to keep up	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	slow.
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all cont</li> <li>1)</li> <li>4)</li> <li>Recommender</li> </ul>	equires field t rs: IST 151 o d: or Majors: on: Course f rs previously o-listed course 2) 5) ed by Departm	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex as, initialed by P	Lecture: 3.0 Lecture: Majors: ed to keep up with to keep up w	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all contain</li> <li>1)</li> <li>4)</li> <li>Recommender</li> <li>Recommender</li> </ul>	equires field t rs: IST 151 o d: or Majors: on: Course f rs previously o-listed course 2) 5) ed by Departm	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex as, initialed by D	Lecture: 3.0 Lecture: Majors: ed to keep up with to keep up w	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	slow.
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all contain</li> <li>1)</li> <li>4)</li> <li>Recommender</li> <li>Recommender</li> <li>Approved by</li> </ul>	equires field t rs: tes: IST 151 o d: or Majors: or Sourse has or Sourse or Sourse	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex- as, initialed by D ment he Specific Curric mmittee:	Lecture: 3.0 Lecture: Majors: ed to keep up with to keep up w	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	Plow. Date: $\frac{9 \rightarrow 6 - 1}{12}$ Date: $\frac{10/2}{12}$ Date:
<ul> <li>6. Credit Hou</li> <li>7. Prerequisit Present:</li> <li>Propose</li> <li>8. Required for</li> <li>9. Justification</li> <li>10. Semester</li> <li>11. List all contain</li> <li>1)</li> <li>4)</li> <li>Recommender</li> <li>Recommender</li> <li>Approved by</li> </ul>	equires field t rs: tes: IST 151 o d: or Majors: or Sourse h or Sourse h or Majors: or Sourse h or S	rip check box: [ Present: Proposed: or Comp Sci 153 Elective for has been modifie offered as an ex- as, initialed by D ment he Specific Curric mmittee:	Lecture: 3.0 Lecture: Majors: ed to keep up with to keep up w	Lab: n technologi e (101, 201,	Total: cal change. <b>301, 401):</b>	How. Date: $\frac{9 - 26 - 12}{12}$ Date: $\frac{10/2/12}{12}$

		From: 573 341 4362	Page: 26/26	Date: 10/5/2012 5		
	0010				<b>8301</b> - <b>8302-</b> 2012-e	PD-342-34
Effective Yea Term: Summ		] Spring 🛛		CC FIIC #-	- <del>6502</del> -2012*E	KF-342-34
		Course C				
÷		his form is for crea	iting or modify	ying permanent	courses.	
Course Cha	-				÷	🗖
New Course		e Deletion 🗌		Hours 🗋	Prerequisit	
Course Title		og Description 🛛		Number 🛄	Co-listing [	
		-9 Must Be Comple	ted. Leave "Pro	posed" items plar	nk ir no cnange	is being made.)
1. Departme					_	
2. Discipline		Number: Pres				_
3. Course Titl	e: Present:	Customer Relat	ionship Mana(	gement in an ER	P Environmen	t
	Proposed					
Abbreviat	ed Course T	<b>itle:</b> æs or Less. Only r	nooded for Ne	w Courses or Tit	le Changes.)	
4. Catalog De	scription (300	) Character Spaces (	or Less.)		ie enengeory	
- Present:				tion, and develo	pment (expar	ision) of (profitable)
	customers. I	Effective and effici	ent managem	ent of customer	s with utilizat	ion of information
			5 BI tools are	used to enhance	e student éduc	ation with real world
_	applications.					and development
Proposed:	The course e	emphasizes identif of (profitable) cus	tomers as w	ting), acquisition	n, retention, a ind efficient m	anagement of
	customers, I	using information	technology. S	AP CRM, SAS BI	tools, and Sy	base mobile
		levelopment are u				
5. If course re	equires field (	trip check box: 🗌				
6. Credit Hou	rs:	Present:	Lecture: 3.0	Lab:	<b>Total:</b> 3.0	
		Proposed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		or preceded or ac	energy and by	EDD 346		
	ERP 240	or preceded of act	companied by	CKF 340		
Propose	d:					
1.100000						
8. Required f	or Majors: 🗌	Elective for M	Aaiors: 🕅			
9. Justificatio		has been modified		ith technologica	l change,	
				· · · · · · · · · ·	2	
		offered as an exp				
		es, initialed by De		gnature does no	t appear belo	N.
1)	2)		3)			
4)	5)		6)	0		
<b>.</b>	. J. L		Zana	th	,	Date: 9-56-12
Recommende	e by Departr	nent	(Chair signature	5 10 70	11 1	$a_{12} \downarrow \downarrow \downarrow \downarrow$
Recommende	ed by Disciplin	ne Specific Curricu	la Committee		want	Date: 10/2/12
Approved by	Curricula Cor	nmittee:	(Chair signature	) /		Date:
The star by			(Chair signature	)		

Approved by Faculty Senate: \_\_\_\_\_

(Chair signature)

	From	n: 573 341 4362	Page: 1/19	Date: 10/5/2012	5:13:28 PM	
Effective Ye Term: Summ		Spring 🛛		CC File	# 8302-2012-ERP	-442-34
	С	ourse C	hande	Form (	CC)	
		orm is for creat				
Course Cha	inges (Check all	changes.)		- <b>-</b> •		
New Course [	Course D	eletion 🗌	Credit	Hours 🗌	Prerequisites	
Course Title [	Catalog D	Description 🛛	Course	Number 🗌	Co-listing 🛄	
Course Info	ormation (1-9 N	1ust Be Complet	ed. Leave "Pro	posed" items bl	ank if no change is t	peing made.)
1. Departmo	ent: Business & I	nfo Tech				
2. Discipline	and Course Nu	mber: Prese	nt : ERP 442	Ргој	posed:	
3. Course Titl	e: Present: A	dvanced Custo	mer Relation:	hip Managem	ent in ERP Environ	ment
	Proposed:					
Abbreviat	ed Course Title:	-	and and from Mary			
4. Catalog De	(24 Spaces o scription (300 Cha	or Less. Only ne aracter Spaces of	eaea for Nev r Less.)	v Courses or 1	itle Changes.)	
Present:	• –	•	•	ion, and devel	opment (expansio	n) of (profitable)
	customers. Effect	tive and efficie	ent managem	ent of custome	ers using IT. SAP C	RM and SAS BI
	tools used to eni presentation req		education wit	h real world a	pplications. Resear	ch paper and
Dranacady		·				
Proposed:	customers. Effect	tive and efficie	ent mgmt of c	ustomers, usir	opment (expansion ng IT. SAP CRM, Sa ch paper and prese	AS BI tools, and
	•	•••	•			······
5. If course re	equires field trip o	check box: 🗌				
6. Credit Hou	rs: Pres	sent:	Lecture: 3.0	Lab:	<b>Total:</b> 3.0	
7 Dueue enteit		posed:	Lecture:	Lab:	Total:	
7. Prerequisit Present:		receded or acco	moanied by	EDD 346		
			inpanica by			
Proposed	4:					
8. Required fo	or Majors: 🗋	Elective for Ma	ajors: 🛛			
9. Justificatio	-	been modified		ith technologic	al change.	
		udents can't ta				
10 Somector				(101		
	's previously offer -Ilsted courses, in					
1)	2)	inclated by Dept 3		nature does no	ot appear below.	
-)	÷)	-	,			
4)	5)	_6	)			
Recommende	d by Department	$\sim$	mel		Date	. 9-26-1/2
			Chair signature)	Q 10		
Recommende	d by Discipline Sp		a Committlee Chair signature)	Barry de	Date Date	: 10/2/12
Approved by (	Curricula Committ		enan sigtigeore)	/	D.++-	
					Date	
Annroved by 1	Faculty Senate: _		Chair signature)		Date	

		From: 573 341 43	362 Page:	2/19 Dat	e: 10/5/2012 5	:13:28 PM	
Effective Ye Term: Summ		I 🗌 Spring 🛛	3		CC File #	\$ 8303-2012	-ERP-347-33
		Course	- Chan	nae Fr	orm ((	CC)	
	-	This form is for					
Course Cha		eck all changes.)			Permanent		
New Course [	🗌 Cou	rse Deletion 🗌		Credit Hou	irs 🗌	Prerequis	sites 🔲
Course Title 🛛	🛛 Cata	alog Description	ı 🖾 🕠	Course Nu	mber 🗌	Co-listing	
Course Info	ormation	(1-9 Must Be Cor	npleted. Lea	ive "Propos	ed" items bla	nk if no chang	ge is being made.)
1. Departme	ent: Busines	ss & Info Tech					
2. Discipline	and Cours	e Number: F	Present : ER	P 347	Prop	osed:	
3. Course Titl	e: Present	t: Supply Chai	n Managem	ent Syster	ns		
	Propose	ed: Supply Chai	n Managem	ent Syster	ns in an ERI	P Environme	nt
Abbreviat		Title: Supply C					
4. Catalog De		aces or Less. Or <i>00 Character Spa</i>			urses or Tit	le Changes.)	)
Present:		-	-		supply chair	a integration	with focus on the
		nalysis, design,					
			Chain Mana	gement (S	CM) or a si	milar system	n is used for project
_	implementa						
Proposed:	Complex int	studies the nee terfaces using t	ed for supply be systems	y chain int annsoach	egration an for the plan	d the challer	nges of managing
	developme	nt, and evaluati	ion of supply	y chain. S	AP's ERP EC	C, SCM, BW,	, and Sybase Unwired
	Platform an	e used to deplo	y SCM apps				· •
5. If course re	equires field	trip check box:					
6. Credit Hou	rs:	Present:	Lecture	e: 3.0	Lab:	Total: 3.0	)
7. Prerequisit	es:	Proposed:	Lecture	8:	Lab:	Total:	
Present:		or preceded or	accompani	ed by ERP	346		
		•			_ , _		
Proposed	d:						
8. Required fo	or Majors: 🗌	] Elective f	or Majors: 🛛	3			
9. Justificatio	n: Course	has been modi	fied to keep	up with t	echnologica	l change.	
10. Semester	s previously	/ offered as an o	experimenta	al course (	101, 201, 3	01, 401):	
11. List all co	-listed cours	es, initialed by	Dept. Chair,	, if signatu	ire does not	appear belo	)w.
1)	2)		3)			- 4	
4)	5)		6)				
-,			<sup>6)</sup>	)	.1		0.1.1
Recommende	d by Departr	ment		Mh	- h	<u> </u>	Date: <u>7-26-72</u>
Recommende	d by Discipli	ne Specific Curi	(Chair sigi icula Comm (Chair sigi	nittee 📶	y Ilan	lohn t-	Date: <u>9-26-12</u> Date: <u>10/2/12</u>
Approved by (	Curricula Cor	mmittee:	(		<b>-</b>		Date:

(Chair signature)

Approved by Faculty Senate:

(Chair signature)

		From: 573 341 4362	Page: 3/19	Date: 10/5/2012	5:13:29 PM	
Effective Ye Term: Summ		all 🗌 Spring 🛛		CC File	# 8304-2012	2-ERP-348-33
		Course	Change	Form (	CC)	
		This form is for cr				
Course Cha		eck all changes.)	;;;,			
New Course [	🗌 Cou	urse Deletion 🗔	Credit H	iours 🗌	Prerequi	sites 🗌
Course Title	🛛 Cat	talog Description 🛙	🛛 Course	Number 🗌	Co-listing	9 🗔
Course Inf	<u>ormation</u>	(1-9 Must Be Comp	leted. Leave "Prop	osed" items b	lank if no chan	ge is being made.)
1. Departme	ent: Busines	ess & Info Tech				
2. Discipline	and Cours	se Number: Pro	esent : ERP 348	Рго	posed:	
3. Course Titl	le: Presen	nt: Strategic Ente	erprise Managem	ent Systems		
	-	sed: Performance i	Ŧ	card, and Da	ta Visualizati	ôn -
	(24 Spa	<b>Title:</b> Performand baces or Less. Only 800 Character Space	needed for New	Courses or T	ïtle Changes.	)
Present:	dashboard: Strategic E	e will study differe ls, management co Enterprise Manage hance student edu	ockpit, scorecards ment (SEM), Bus	s, and strateg	y maps in an	tems including organization. SAP's similar tools will be
Proposed:	manageme		ards, and strateg	ly maps in ar	organization	uding dashboards, 1. SAP's BW, 11 be used to develop
5. If course re	equires field	d trip check box: [	]			
6. Credit Hou	rs:	Present:	Lecture: 3.0	Lab:	Total: 3.0	)
7. Prerequisit Present:		<b>Proposed:</b> 6 or preceded or a	Lecture: ccompanied by E	Lab: RP 346	Total:	
Proposed	d:					
8. Required fo 9. Justificatio	-	Elective for e has been modifie	-	1 technologic	al change.	
		ly offered as an ex				
11. List all co- 1)		ses, initialed by Do		ature does no	ot appear beid	<b>w</b> .
+)	2)		3)			
4)	5)		6)	_		- · ·
Recommende	- •		(Chair šignature)	24	<u>,</u>	Date: <u>9-26-12</u> Date: <u>10/2/12</u>
Recommended	d by Discipli	line Specific Curric		Serily the	shale t	Date: 10/2/12
Approved by (	Curricula Co	ommittee:	(Chair signature)			Date:
· · ·			(Chair signature)			

Approved by Faculty Senate: \_\_\_\_\_

(Chair signature)

Sep	10	2012	2:10PM	ſ

From: 573 341 4362 MST

Page: 4/19 Date: 10/5/2012 5:13:29 PM 6312 .....

P+1

Date: 9/7/2012 4:33:24 PM From: 573 341 4362 Page: 1/6

Effective Year: 2013 Effective Term: Summer 🗖

Fall 🖾 Spring 🔲

EC FIL # 2430-F32013- Hist =301

.....

# **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved \$P2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: History and Political Science

Discipline and Course Number: HIST 301

Course Title: Women in the History of Science, Technology and Medicine

Abbreviated Title (24 spaces or less): Women History of STM

Instructor(s): Kathleen Shepperd

Total: 3 Lab: 0 Credit Hours: Lecture: 3

Prerequisites: HIST 112 or HIST 275

### Semester(s) previously taught:

### Brief Course Description: (40 words or less)

This course explores major issues women have dealt with in the practice of science, from the 1500s to the present. The course is reading and writing intensive.

List all co-listed ( 1)	courses: Inc 2)	lude inițiets of Dept. Chair, if signature i 3)	is not already included below.
4)	5)	đ)	
Department Chair: Discipline Specific	<i>ع</i> ل	(Chair Signature)	Date: $\frac{5/24/12}{Date: 5/10/12}$
Curricula Committa	8 <b>6:</b>	(Chair Signature)	Date:
			(Deviced 10/17/2010)

AB/77/17

/Dandred 17/17

Sep 10 2012 2:11PM

From: 573 341 4362

Page: 5/19

Pege: 2/8

Date: 10/5/2012 5:13:29 PM 6312

Date: 9/7/2012 4:33:25 PM

p.2

From: 573 341 4362

\_\_\_\_

Effective Year: 2013 Effective Term: Summer 🔲

Fall 🔲 Spring 🖾

EC File # 2431- Sp 2013 -Ar + 201

### **Experimental Course Form (EC)**

This form must be filed with the Secretary to the Campus Curricula Committee, after the department chair's notation, by the appropriate deadline. Filing deadlines for inclusion in the initial release of the Schedule of Classes are as follows:

Summer and Fail Semester Offerings – January 1 Spring Semester Offerings – August 1

An EC form must be submitted each semester it is to be offered, not to exceed two offerings. An experimental course that is required should be submitted on a CC form. *Co-listed offerings* should be submitted on one form, originating from the primary discipling.

Department: Arts, Languages, and Philosophy

**Discipline and Course Number: Art 201** 

Course Title: Art 201: Thematic Studies in Film and Philosophy

Abbreviated Title (24 spaces or less): Film and Philosophy

Instructor(#): Andrew M. Tohline, Joel Dittmer

Credit Hours: Lecture: 3 Lab: 0 Total: 3

Prorequisites: Art 85 AND either one philosophy course or junior standing

Somester(s) previously taught: N/A

### Brief Course Description: (40 words or less)

A study of special topics at the intersection of film and philosophy. Topics vary but may include films on the nature of reality, films on the problem of evil, films on concepts of consciousness and the self, and more.

List all co-listed courses: Include initials of Dept. Chair, if signature is not already included below. 1) Philosophy 201 2) 3)

4)	5)		6)	
Department Chair:	Uhlathan -	, (Chair Signature)		Date: 9/5/2012
Discipline Specific Cu	rricula Committee:	(Chair signature)		Date: <u>9/10/12</u>
Curricula Committee:	·	(Chair Signature)		Date:

09/05/12

(Revised 1/31/2008)

From: 573 341 4362 MSI

Page: 6/19 Date: 10/5/2012 5:13:30 PM 6315

p.J

From: 573 341 4362

Effective Year: 2013 Effective Term: Summer 🔲

ali	Enrina	R
all	Spring	LO

- 3 رەھ مى - 2434 \* Ec File \* 2432 - 20 / دىھ مەھمى

## Experimental Course Form (EC)

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: ALP

Discipline and Course Number: SPAN 201

COURSE TITLE: SPANISH PHONETICS: Pronunciation for English native speakers

Abbreviated Title (24 spaces or less): Spanish Phonetics

Instructor(s): Dr. Jorge Porcel

Lab: Total: Lecture: 3 Credit Hours:

Prereguisites: -Span 80

Semester(s) previously taught: NOT TAUGHT YET

### Brief Course Description: (40 words or less)

SPANISH PHONETICS teaches native English-Speaking students how to improve their Spanish pronunciation. It is designed for undergraduate students pursuing a minor in Spanish, who has little or no knowledge of linguistics or phonetics of either Spanish or English. For maximum benefits, the course should be taken early in the curriculum before poor pronunciation habits take root.

List all co-listed 1)	courses: Inci 2)	ude initials of Dopt. Chair, if signature 3)	le not already included below.
4)	5)	6)	
Department Chair	. WONT	(Chair Signature)	Date: <u>9/5/3013</u>
Discipline Specific	Curricula Com	Allbanni	Date: <u>9/10/12</u> Date: <u>9/10/12</u>
Curricula Committ	:00:	(Chair Signature)	Date:

09/04/12

(Revised 10/12/2010)

# Missouri S&T

SPAN 201: Spanish Phonetics

#### Overview

Spanish 201 teaches native English-Speaking students how to improve their Spanish pronunciation. It is designed for undergraduate students pursuing a minor in Spanish, who has little or no knowledge of linguistics or phonetics of either Spanish or English. In general, such student has completed an introductory course track of 3 semesters (1.5 years) in Spanish language and grammar at MS&T. Therefore he/she has limited reading experience in Spanish and now seeks to refine his or her linguistic skills over the long term. For maximum benefits, the course should be taken early in the curriculum before poor pronunciation habits have had the chance to take root.

The course is taught *mainly* in Spanish. Textbook, reading material, exams, exercises, assignments, and class interactions will be conducted and required in Spanish. English will be used during lectures – and to the extent it is needed –*only* to introduce linguistics complex conceptualizations.

#### Goals

At the end of the semester, the student will know

- the main phonemic and phonetic contrasts between Spanish and English;
- how to describe and articulate the sounds of the standard Spanish system;
- what are the main instances of negative phonetic and phonemic transfer from English to Spanish and how to avoid such pronunciation errors.

#### Requirements

Spanish 80 or instructor's consent.

#### Evaluation

Exams –Midterm and Final: 30% Quizzes: 20% Homework: 20% Assignments: 10% Participation & Attendance: 20% Spring 2013 M-W: 11:00 - 12:15 pm - Room: TBA

Instructor: Dr. Jorge Porcel E-Mail: porcelj@mst.edu Office: 211 H-SS Office Hours: TBA

#### Required textbook

Morris, Richard E. (2010) *Pronunciación de la lengua española para anglohablantes.* Newburyport (MA): Focus Publishing/R. Pullins.

Ancillary material: Online pronunciation files:

http://www.leakyroofproductions.com/ MORRIS/

(If you cut and paste the link as typed above, make sure you leave no space between "/" and "Morris" –i.e., it should be: /MORRIS/)

Grading Scale: A: 100-90 B: 89-80 C: 79-70 D: 69-60 F: 59-0 1. Exams (30%): Midterm and final exams will be administered October 10 and December 5 during class time and they will be comprehensive. There will be no make-ups: if you miss or fail one exam it will count as your lowest grade. Exceptions will be considered only if you inform the instructor in advance and provide supporting documentation. In case of emergencies, supporting documentation has to be presented the class immediately after the absence.

2. <u>Ouizzes (20)</u>: The Lecture Plan specifies the date of the quizzes. The lowest grade in this category will be dropped. There will be no make-ups: if you miss or fail one exam it will count as your lowest grade. Exceptions will be considered only if you <u>inform</u> the instructor in advance <u>AND provide</u> supporting documentation. In case of emergencies, supporting documentation has to be presented the class immediately after the absence.

3. Homework (20): Part of the homework appears assigned in the Lecture Plan next to the subheadings Preparación, Temas and Tarea.

- Preparación specifies what readings are required for the following class.
- Temas points out the main topics, serving as a reading guide, to help the student to focus. I advise the student to familiarize with this section before reading and take notes relevant to the topics, during and after reading. That will help the student in several fronts: 1) it will ease class participation; 2) it will keep the material ready to study for quizzes and exams; 3) it will improve your Spanish.
- Tarea assigns exercises for pronunciation practice and transcription exercises.

All transcriptions and exercises requiring writing will be collected and must be turned in **TYPED**. To type phonetic symbols use the following site <u>http://ipa.typeit.org/full/</u>. The instructor recommends you to go to the site, type the phonetic symbols that you will need, then copy and paste them into a document, so every time you have to do a transcription you don't have to go to the site to get the symbols.

Submission guidelines;

` --

-5

- 1) Assignments MUST be typed, using a #12 font and DOUBLE SPACED.
- 2) On the header of the page, please **TYPE** the following information

<u>Curso</u>: Español 1 <u>Fecha</u>: 28 de Agosto del 2012 <u>Estudiante</u>: John Doe <u>Título y página del ejercicio</u>: <u>J. zEstá bien equipado tu salón?</u> (p. 36) (Example from *Lecture Plan*: 8/28 – <u>Tarea 2</u>)

3) You can loose up to 20 points for not following these instructions.

<u>Late submissions</u> will be accepted **ONLY** the class immediately following the deadline, with a 10 points deduction. Handwritten submissions won't be accepted and the *late submission policy* will be applied. More than three *late submissions* will be considered systematic lateness and won't be accepted. Excuses such as "*I forgot my homework in my dorm*" or "*My printer stopped working*" are obviously unacceptable, and the *late submission policy* will be applied.

4. <u>Assignments (10%)</u>: In order to assess progress, students are required to turn in 2 recordings of their best Spanish, reading an assigned list of words and a short reading passage. A brief self-assessment needs to be submitted by the student with each recording. The first recording is due on September 5 and the second on November 28.

#### Submission guidelines:

1) The recording will be submitted on an audio CD with the student's name and the number of the recording.

2) Since the purpose of this exercise is to compare performances, no partial points or credit will be assigned for partial completion. Therefore, students must to submit both recordings and both rubrics. Failure to turn in one part of the assignment will result in a grade of zero for the whole category.

4. <u>Class participation</u>: Active participation in class activities is crucial for the development of language skills. Students are expected to participate willingly and actively in all activities and they also are expected to make every effort to communicate in Spanish during class time. Your oral participation grade will be based on your positive contribution to class. It is expected that every student will:

- 1) Make a sustained effort to use only Spanish in class;
  - 2) Come to class on time, prepared and, voluntarily participate in all activities;
  - 3) Observe an attentive, cooperative, respectful and affable behavior.
  - 4) Shut down all electronic devices before the beginning of class. Engaging in texting during class time is considered a disturbing behavior and disciplinary measures will be applied.

Attendance is mandatory. Students who miss a class should find out what was explained, instructed, and assigned during that class.

#### Attendance policy:

Students are allowed to miss up to 3 class sessions (excused or unexcused). The fourth absent will result in a 50% deduction of the attendance grade. The fifth absent will result in a 100% deduction of the attendance grade. The sixth absent will result in a 50% deduction of the participation grade. Exceptions will be considered ONLY if at least 2 of the first 3 (non-penalized absences) are justified. Documentation will be required. After the seventh absence the student **WILL BE DROPPED** from the course.

#### **DISCIPLINE POLICY**

1. Students should be punctual and should not leave until class is dismissed. Students who have more than 7 absences will be dropped. Tardiness is considered a disruptive behavior. After the third, each late arrival will be counted as one absence.

2. Common courtesy is expected at all times. Disruptive behavior (such as uncooperativeness, texting, talking or using the internet without instructor's consent) will affect student's grade. A systematic pattern of disruption will not be tolerated.

3. Each student must have a copy of the textbook and bring it every class. Students who do not bring their book to class will be asked to leave and the absence considered unjustified.

4. Cheating or acting as if you were cheating -or any type of academic dishonesty, such as copying homework's answers from a classmate- will result in severe disciplinary actions for both students.

5. Personal matters or concerns –such as absences, make-ups, personal grades, etc.– are supposed to be addressed outside the classroom. Please, do not bring those concerns right before the class start.

#### GENERAL UNIVERSITY POLICIES

The instructor strongly recommends students to become familiar with the following policies and services:

1. Students not meeting the academic course standards or not following course policies will receive an early warning through the *Academic Alert System* <u>http://academicalert.mst.edu/</u>

2. Students with special needs are encouraged to review the *Disability Support Services* policy at (<u>http://counsel.mst.edu/</u>) and contact the instructor to address needs or concerns. Reasonable efforts will be made to accommodate the needs of these students.

3. Academic dishonesty will be dealt with severely. Please revise the guidelines of academic honesty at *Student Academic Regulations* (p. 29)

This syllabus represents my best effort to project the design of this course. Nonetheless, I reserve the right to modify any aspect of the course as the need arises.

Effective Year: 2013 Effective Term: Summer 🗌 Fall 🔲 Spring 🛛

EC File # 2433 - Sp 2013 - MSEE 301

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Materials Science & Engineering

Discipline and Course Number: MSE 301

Course Title: Integrated Computational Materials Engineering

Abbreviated Title (24 spaces or less): Int Comput Mater Eng

Instructor(s): Mohsen Asle Zaeem

Credit Hours: Lecture: 3 Lab: Total:

Prerequisites: Math 204; Met 204; Met 217; Cer 259

#### Semester(s) previously taught: 0

#### Brief Course Description: (40 words or less)

The primary objective of this course is to introduce different computational tools for the study of materials at different length scales. Atomistic, mesoscale, and continuum models will be introduced and bridging between different modeling scales will be discussed.

List all co-liste 1)	d courses: Include init 2)	lais of Dept. Chair, if signature is not al 3)	ready included below.
4)	5) .//	6)	
Department Cha	ir:	(Chair Signature)	Date: 9/10/12
Discipline Specif	ic Curricula Committee:	Chair signature)	Date: <u>9/26/12</u>
Curricula Comm	ttee:	(Chair Signature)	Date:

09/10/12

(Revised 10/12/2010)

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com

Effective Year: 2013 Effective Term: Summer 🗌 Fall 🗌 Spring 🖾

EC File #2434-5p2013 - Chem -401

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Chemistry

Discipline and Course Number: Chem 401

Course Title: Solid-State and Materials Chemistry

Abbreviated Title (24 spaces or less): Solid-State Chemistry

Instructor(s): Amitava Choudhury

Credit Hours: Lecture: 3.0 Lab: Total: 3.0

Prerequisites: CHEM 331 or CHEM 346.

#### Semester(s) previously taught: NA

#### Brief Course Description: (40 words or less)

The aim of this course is to build a comprehensive understanding of the chemistry of solids and its application to the materials world. Emphasis will be given on the synthesis, structure and various properties of solids including electrical, optical and magnetic. Students will gain knowledge about how to correlate a property with structure and tune those properties for a particular application.

List all co-lis 1)	ted courses: Includ 2)	le initiels of Dept. Chair, if signature k 3)	s not already included below.
4)	5)	6)	
Department C	hair:	(Chair Signature)	Date: <u>9-10-201</u> 2.
Discipline Spe	cific Curricula Comm	an a Pit	Date: 10-4-2012
Curricula Com	mittee:	(Chair Signature)	Date:

(Revised 10/12/2010)

This fax was received by GELEAXmaker fax server. For more information, visit: http://www.ofi.com This fax was received by GELEAXmaker fax server. For more information, visit: http://www.gfi.com Effective Year: 2013 Effective Term: Summer 🗌 Fall 🗋 Spring 🖄

EC File # 2435-Sp 2013 - French -401

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: ALP

Discipline and Course Number: FR301

Course Title: Contemporary Francophone Literature

Abbreviated Title (24 spaces or less):

Instructor(s): Audra Merfeld-Langston

Tredit Hours: Lecture: 3 Lab: Total: 3

Prerequisites: FR 170

#### Semester(s) previously taught:

#### Brief Course Description: (40 words or less)

Studies in Francophone literature (fiction and non-fiction) published within the last fifteen years. Readings, lectures, and discussions are in French.

List all co-listed co 1)	ourses: Include initials 2)	of Dept. Chair, if signature is not already 3)	/ included below.
4)	50 M - M	<b>6)</b>	
Department Chair: _	Willm/ AP	(Chajr Signature)	Date: <u> </u>
Discipline Specific Cu	urricula Corr(mittee:	(Chair signature)	Date: <u>9-/7-1</u> 2
urricula Committeeي	!	(Chair Signature)	Date:

(Revised 10/12/2010)

Effective Year: 2013 Effective Term: Summer 🖂 Fall 🗌 Spring 🖾

EC File # 2436-Sp2013-BioSci-401

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Biological Sciences

Discipline and Course Number: BioSci 401

Course Title: Advanced Sleep Biology

Abbreviated Title (24 spaces or less): Adv Sleep Bio

Instructor(s): Matthew Thimgan

Credit Hours: Lecture: 3 Lab: 0 Total: 3

Prerequisites: Bie 410 NONE

#### Semester(s) previously taught: 0

#### Brief Course Description: (40 words or less)

Students will analyze and present primary literature regarding the anatomy and molecular mechanisms that underlie sleep regulation in both humans and model organisms. Moreover, students will use epidemiolgical studies to understand the role of inadequate sleep on health and cognitive performance.

List all co-listed co 1)	ourses: Include initials 2)	s of Dept. Chair, if signature is not already 3)	included below.
4)	5)	6)	
Department Chair:	urricula Committee: _	(Chair Signature) Daniel Jowith (Chair Signature)	Date: <u>9/12/12</u> Date: <u>16-4-2012</u>
Curricula Committee		(Chair Signature)	Date:

09/19/12

(Revised 10/12/2010)

Effective Year: 2013 Effective Term: Summer 🗌 Fall 🔲 Spring 🖾

EC File #2437-5p2013 - Chem-201

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Chemistry

Discipline and Course Number: Chem 201

Course Title: Undergraduate Peer-Learning Assistant Practicum

Abbreviated Title (24 spaces or less): PLA Practicum

Instructor(s): EmmaLou Satterfield

Credit Hours: Lecture: RSD 1.0 Lab: Total: RSD 1.0

Prerequisites: Consent of instructor required.

#### Semester(s) previously taught: None

#### Brief Course Description: (40 words or less)

Undergraduate student<sup>5</sup> under guidance of a faculty supervisor, will implement effective activelearning strategies that adapt to educational technology and collaborative learning. Student<sup>5</sup> will maintain professional standards<sub>l</sub>established by the American Chemical Society.

A5

List all co-lis 1)	ted courses: Includ 2)	le initials of Dept. Chair, if signati 3)	ure is not already included below.
4}	5)	6)	
Department C	hair;	(Chair Signature)	Date: <u>9-21-12</u>
Discipline Spe	cific Curricula Comm	ittee: <u>Daniel fairt</u> (Chair signature)	Date: 10/8/2012
Curricula <sup>®</sup> Com	mittee:	(Chair Signature)	Date:

09/21/12

(Revised 10/12/2010)

This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com This fax was received by GFI FAXmaker fax server. For more information, visit: http://www.gfi.com Effective Year: 2013 Effective Term: Summer 🗌 Fall 🔲 Spring 🖂

EC File # 2439-SP13-IST-301

### **Experimental Course Form (EC)**

An EC form must be submitted before an experimental course is to be offered. EC forms approved SP2009 or later allow the course to be offered twice at any time during the following three year period. After an experimental course has been offered twice, a CC form may be submitted to request a permanent course number.

A new course that is required as part of a degree program, minor, or graduate certificate may be submitted on a CC form to receive a permanent course number

Co-listed offerings should be submitted on one form, originating from the primary discipline.

Department: Bus and Info Tech

Discipline and Course Number: IST 301

Course Title: Intro To Data Warehouses

Abbreviated Title (24 spaces or less): Intro Data Warehouses

Instructor(s): Yu

Credit Hours: Lecture: 3.0 Lab: Total: 3.0

Prerequisites: IST 223 or relational database experience

#### Semester(s) previously taught:

#### Brief Course Description: (40 words or less)

This course introduces the topic of data warehouses and the value to the organization. It takes the student from the database platform to structuring a data warehouse environment. Focus is placed on simplicity and addressing the user community needs. Co-taught with IST 444, but with fewer projects. Can't take both for credit.

List all co-liste 1) ERP 301	ed courses: Include ini 2)	tials of Dept. Chair, if signature is not air 3)	eady included below.
4)	5)	6)	
Department Cha	air:	(Chair Signature)	Date: 10/3/12
Discipline Speci	fic Curricula Committee:	RANL	Date: 10/4/12
Curricula Comm	ittee:	(Chair Signature)	Date:

10/03/12

(Revised 10/12/2010)

Effective Year: 2013 DC Effective Term: Summer Fall xx Spring ( (Creating or modifying a degree program must be effective for a Fall term)

DC # 0417-2012 - Emgt - 000-00

### **Degree Change Form (DC)**

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

#### Title of degree program, emphasis area, or minor:

Engineering Management

#### Department: EMSE

#### Briefly describe action requested (Attach documentation as appropriate):

Add EMSE 213 (new 3 credit hour course CC submitted with this request) to the current 26 credit hours of required Engineering Management core courses. Concurrent to this change, the Industrial Engineering, Management of Technology and General Emphasis areas will remove 3 credit hours of EMSE technical electives (Separate DC forms submitted with this request). See attached documentation.

Recommended by Department:	) ん) をん (Chair signature)	Date: <u>み/み/1み</u>
Recommended by:	د (Chair signature)	Date: <u>8/76/1</u> 2
Approved by Curricula Committee:	(Chair signature)	Date:
Approved by Faculty Senate:	(Chair signature)	Date:

(Revised 9/12/2011)

Effective Year: 2013 DC Effective Term: Summer I Fall xx Spring ( (Creating or modifying a degree program must be effective for a Fall term)

DC #0419-2012-Engt-000-00

### Degree Change Form (DC)

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

#### Title of degree program, emphasis area, or minor:

Industrial Engineering Emphasis Area

#### Department: EMSE

### Briefly describe action requested (Attach documentation as appropriate):

The Industrial Engineering Emphasis area credit hour requirements will change from 21 credit hours to 18 credit hours. This change is being made in order to add a new 3 credit hour course (EMSE 213) to the current 26 credit hours of EMSE required core courses. The 12 credit hours of required courses (EMSE 257, 311, 356 and 382) will not change. The EMSE technical electives will be reduced to 6 credit hours from the current required 9 credit hours. This change enables EMSE to maintain 3 credit hours of Free Electives as a part of the 128 required credit hours.

Recommended by Department:	<u>سک کہ لو</u> (Chair signature)	Date: 2/37/12
Recommended by:	(Chair signature)	Date: <u>8/26/12</u>
Approved by Curricula Committee:	(Chair signature)	Date:
Approved by Faculty Senate:	(Chair signature)	Date:
0 <b>2/2</b> 7/12		(Revised 9/12/2011)
	,	(

## Effective Year: 2013 DC Effective Term: Summer I Fall xx Spring ( (Creating or modifying a degree program must be effective for a Fall term)

DC #0420-2012-Emgt-000-00

### **Degree Change Form (DC)**

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

#### Title of degree program, emphasis area, or minor:

General Emphasis Area

#### Department: EMSE

### Briefly describe action requested (Attach documentation as appropriate):

The General Emphasis area credit hour requirements will change from 21 credit hours to 18 credit hours. This change is being made in order to add a new 3 credit hour course (EMGE 213) to the Errog + current 26 credit hours of EMSE required core courses. The 15 credit hours Engineering Area Courses (Engineering Discipline) will remain the same. The EMSE technical electives will be reduced to 3 credit hours from the current required 6 credit hours. This change enables EMSE to maintain 3 credit hours of Free Electives as a part of the 128 required credit hours.

Recommended by Department:	end (	Date: 2/27/12
	(Chair signature)	Putt
Recommended by:	(Chair signature)	Date: <u>814(1</u> 2
Approved by Curricula Committee:	(Chair signature)	Date:
Approved by Faculty Senate:	(Chair signature)	Date:

02/27/12

(Revised 9/12/2011)

Cig C

DC # 0429-2012-Engt-000-00

Effective Year: 2012 DC Effective Term: Summer Fail xx Spring () (Creating or modifying a degree program must be effective for a Fail term)

### **Degree Change Form (DC)**

This form is to be used for creating or modifying degree programs, emphasis areas, and minors.

#### Title of degree program, emphasis area, or minor:

Change of "Free Elective Footnote" paragraph, page 139 of current catalog

Change of Footnote 3 in current catalog - Free Electives

#### Department: EMSE

#### Briefly describe action requested (Attach documentation as appropriate):

The second sentence of the Free Elective Footnote paragraph currently states: "Each student is required to take six hours of free electives in consultation with his/her academic advisor."

The second sentence should be changed to: "Each student is required to take three hours of free electives in consultation with his/her academic advisor." The remaining sentences in the paragraph should remain the same.

The first sentence of Footnote 3 currently states the following: "Each student is required to take six hours of free electives in consultation with his/her academic advisor."

The first sentence should be changed to the following: "Each student is required to take three hours of free electives in consultation with his/her academic advisor."

The remaining sentences/statements of the Footnote 3 will remain the same.

Recommended by Department:	Date: 3(28)12
Recommended by: <u>le charte</u> Discipline Specific Curriculà Committee (Chair signature)	Date: <u>8/26/1</u> 2
Approved by Curricula Committee:(Chair signature)	Date:
Approved by Faculty Senate:(Chair signature)	Date:

(Revised 9/12/2011)