

Missouri University of Science and Technology

Formerly University of Missouri-Rolla

Minutes of the Campus Curricula Committee Meeting March 7, 2018 2:00pm, 216 Parker Hall (For Faculty Senate Meeting of March 22, 2018)

Attendees: Steve Raper, Barry Flachsbart, Petra Dewitt, Thomas Schuman, Katie Shannon, Gearoid MacSithigh, Kyle Perry and Brittany Parnell

The following curriculum forms were discussed and approved:

Course Change Forms:

, 6	arse change rolling	
	File: 4506	BIO SCI 4373: Stem Cell Biology
	File: 4505	BIO SCI 5343: Biology of Aging
	File: 4507	BIO SCI 6373: Advanced Stem Cell Biology
	File: 2494.2	EDUC 3203: Introduction to STEM Education
	File: 4517	EDUC 3220: Teaching Science in the Elementary Classroom
	File: 4519	EDUC 3430: Literature for Children
	File: 4518	EDUC 3530: Integrated Social Studies and Humanities for the Elementary Classroom
	File: 4527	EDUC 5100: PLTW Training
	File: 2328.1	EDUC 5370: Teachers Academy: Effective Instructional Strategies
	File: 4512	ELEC ENG 5680: Introduction to Radar Systems
	File: 4526	ENGLISH 3590: Game Studies
	File: 1211.6	GEOLOGY 3631: Systematic Paleontology
	File: 1126.1	GEOLOGY 6611: Advanced Palynology
	File: 1498.1	MATH 6417: Functional Analysis I
	File: 1494.1	MATH 6418: Functional Analysis II
	File: 2364.1	MET ENG 5480: Refining Of Metals
	File: 1702.1	MIN ENG 4413: Material Processing By High-Pressure Water Jet
	File: 2362.1	MIN ENG 4422: Coal Preparation
	File: 500.1	MIN ENG 5413: Material Processing by High Pressure Water Jet
	File: 2019.1	MIN ENG 5422: Coal Preparation
	File: 4513	MS&E 5060: Chemistry of Construction Materials
	File: 4514	MS&E 6060: Advanced Chemistry of Construction Materials
	File: 4510	PSYCH 3501: Drugs and Behavior
	File: 4359.4	PSYCH 6602: Employee Affect and Behavior
	File: 4521	TCH COM 3550: Writing for Social Media
	File: 4520	TCH COM 3580: Business Communication



Missouri University of Science and Technology

Formerly University of Missouri-Rolla

Degree Change Forms:

File: 84.7 MATH-N

MATH-MST: Mathematics MST PROPOSED: Game Studies (Minor)

File: 259 File: 258

PROPOSED: Minor in Social Media in Industry

Experimental Course Forms:

File: 4522

HISTORY 2001.001: History of Mexico

File: 4523

PET ENG 6001.009: Applications of Data Analytics in Petroleum Engineering

File: 4511

PSYCH 3001.003: Psychology of Human Sexuality

The Curriculum Committee approved a proposal from Kate Drowne to implement graduate-level education courses through Project Lead The Way with the variable credit course, *EDUC 5100: PLTW Training*.

The meeting adjourned at 3:10pm

3 tepm a. Raper

Stephen A. Raper, Chair

Missouri S&T Campus Curricula Committee

	New Course Proposal	In Workflow
Date Submitted: 12/	/07/17 4:44 pm	1. RBIOLSCI Chair
Viewing: BIO S	CI 4373 : Stem Cell Biology	2. CCC Secretary
File: 4506		3. Sciences DSCC
ast edit: 12/08/1	7 9:32 am	Chair
Changes proposed b	py: niyogid	4. Pending CCC
Requested	Fall 2018	Agenda post 5. CCC Meeting
Effective Change		Agenda
Date		6. Campus Curricula
Department	Biological Sciences	Committee Chair
Discipline	Biological Sciences (BIO SCI)	7. FS Meeting
Course Number	4373	Agenda
Title		8. Faculty Senate Chair
	Stem Cell Biology	9. Registrar
Abbreviated Course Title	Stem Cell Biology	10. CAT entry
Course Title		11. Peoplesoft
Catalog	This course will cover the fast-moving field of stem cell biology. Topics include:	
Description	development and organogenesis, regeneration and repair, stem cell types and	Approval Path
	sources, pluripotency and reprogramming, stem cells and cancer, therapeutics, and	1. 12/08/17 7:13 ar
	ethics.	David Duvernell
Prerequisites	Bio Sci 2213.	(duvernelld):
Field Trip	NA	Approved for RBIOLSCI Chair
Statement		2. 12/08/17 9:21 an
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Brittany Parnell
Required for	No	(ershenb):
Majors		Approved for CCC
Elective for	Yes	Secretary
Majors		3. 01/31/18 9:25 an Katie Shannon
Justification for	This class has beeen offered twice as an experimental class (BioSci 5001). We are	(shannonk):
new course:	offering this topic as 4000 and 6000 options for its permanent listings in the catalog.	Approved for
Semesters	Fall 2015, Fall 2017	Sciences DSCC
previously	Fall 2015 enrollment- 12	Chair
offered as an	Fall 2017 enrollment- 12	4. 02/20/18 11:42 am
experimental		Brittany Parnell
course		(ershenb):
Co-Listed		Approved for
Courses:		Pending CCC
Course Reviewer		Agenda post
Comments		5. 03/08/18 12:23 pm
	Key: 4506	Brittany Parnell
		(ershenb):
		Approved for CC
		Meeting Agenda

6. 03/08/18 4:43 pm sraper: Approved for Campus Curricula Committee Chair

New Course Proposal In Workflow Date Submitted: 12/07/17 3:52 pm 1. RBIOLSCI Chair Viewing: BIO SCI 5343: Biology of Aging 2. CCC Secretary File: 4505 3. Sciences DSCC Chair Last edit: 12/08/17 9:31 am 4. Pending CCC Changes proposed by: niyogid Agenda post Requested Fall 2018 5. CCC Meeting **Effective Change** Agenda Date 6. Campus Curricula Department **Biological Sciences Committee Chair** 7. FS Meeting Discipline Biological Sciences (BIO SCI) Agenda Course Number 5343 8. Faculty Senate Title Biology of Aging Chair 9. Registrar Abbreviated Biology of Aging 10. CAT entry Course Title 11. Peoplesoft Catalog Description Approval Path We will discuss the proximate and ultimate mechanisms of aging, and review a few 1. 12/08/17 7:14 am leading theories of aging with the emphases on oxidative stress and life history David Duvernell tradeoffs. We will take the comparative approach to study aging across species, and (duvernelld): the interventions that extend animals' lifespan, and explore why they may or may Approved for not work on humans. **RBIOLSCI** Chair Prerequisites 2. 12/08/17 9:31 am **Brittany Parnell** Bio Sci 2213. (ershenb): Field Trip Approved for CCC Statement Secretary NA 3. 01/31/18 9:25 am Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 Katie Shannon (shannonk): Required for No Approved for Majors Sciences DSCC Elective for Yes Chair Majors 4. 02/20/18 11:42 am Justification for **Brittany Parnell** new course: (ershenb): Approved for

This new class has been taught 3 times as an experimental course, as BioSci 3001. We are elevating the class to the 5000 level, given more advanced topics to be covered and anticipated enrollment by graduate students.

Semesters previously offered as an experimental

course

Fall 2014; Spring 2016; Spring 2017

Fall 2014 enrollment: 13 Spring 2016 enrollment: 22 Spring 2017 enrollment: 14

Co-Listed Courses:

Course Reviewer
Comments

Pending CCC Agenda post

5. 03/08/18 12:23

pm

Brittany Parnell

(ershenb):

Approved for CCC Meeting Agenda

6. 03/08/18 4:43 pm sraper: Approved for Campus Curricula

Committee Chair

Key: 4505

	New Course Proposal	Les VA/ and off accord
Date Submitted: 12	/07/17 4:47 pm	In Workflow
/iewing: BIO S	CI 6373 : Advanced Stem Cell Biology	1. RBIOLSCI Chair
File: 4507		2. CCC Secretary 3. Sciences DSCC
ast edit: 03/08/1	8.13·24.pm	Chair
Changes proposed		4. Pending CCC
		Agenda post
Requested	Fall 2018	5. CCC Meeting
Effective Change Date		Agenda
		6. Campus Curricul
Department	Biological Sciences	Committee Chair
Discipline	Biological Sciences (BIO SCI)	7. FS Meeting
Course Number	6373	Agenda 8. Faculty Senate
Title	Advanced Stem Cell Biology	Chair
Abbreviated	Adv Stem Cell Bio	9. Registrar
Course Title	Adv Stem Cell Bio	10. CAT entry
Course Title		11. Peoplesoft
Catalog	This course will cover the fast-moving field of stem cell biology. Topics include:	
Description	development and organogenesis, regeneration and repair, stem cell types and	Approval Path
	sources, pluripotency and reprogramming, stem cells and cancer, therapeutics, and	1. 12/08/17 7:15 ar
	ethics. Research proposal and additional readings required for graduate credit.	David Duvernell
Prerequisites		(duvernelld):
Field Trip	NA	Approved for
Statement		RBIOLSCI Chair
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	2. 12/08/17 9:39 ar
		Brittany Parnell (ershenb):
Required for	No	Approved for CC
Majors		Secretary
Elective for	Yes	3. 01/31/18 9:25 ar
Majors		Katie Shannon
Justification for	This class has been taught twice as an experimental class as BioSci 5001. We now	(shannonk):
new course:	wish to include a graduate section at the 6000 level for our MS students in Applied	Approved for
	and Environmental Biology.	Sciences DSCC
Semesters	Fall 2015, Fall 2017.	Chair
previously	Fall 2015 enrollment- 12	4. 02/20/18 11:42 am
offered as an	Fall 2017 enrollment- 12	Brittany Parnell
experimental		(ershenb):
course		Approved for
Co-Listed		Pending CCC
Courses:		Agenda post
Cause B. :		5. 03/08/18 12:24
Comments	ershenb (03/08/18 12:24 pm): removed "Graduate Standing" in the prerequisites	pm
Comments		Brittany Parnell
	Key: 45	(cranens).
		Approved for CC

6. 03/08/18 4:43 pm sraper: Approved for Campus Curricula Committee Chair

Date Submitted: 01/12/18 11:37 am

Viewing: EDUC 3203 2203: Introduction to STEM Education

Problems Of Teaching Mathematics

File: 2494.2

Last approved: 03/06/17 3:15 am Last edit: 02/01/18 9:28 am Changes proposed by: schwartzem

Requested Fall 2018 2017

Effective Change

Date

Department Arts, Languages, & Philosophy

Discipline Education (EDUC)

Course Number 3203 2203

Title Introduction to STEM Education Problems Of Teaching Mathematics

Abbreviated Intro to STEM Education

Course Title Probs Of Teaching Math

In Workflow

- 1. EDUC Chair
- 2. CCC Secretary
- 3. Social Sciences

 DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula Committee Chair
- 7. FS Meeting
 Agenda
- 8. Faculty Senate
 Chair
- 9. Registrar
- 10. CAT entry
- 11. Peoplesoft

Catalog

Description

A study of current methodologies for teaching in area of specialization. **Students are** introduced to a variety of instructional programs including Project Lead the Way.

Prerequisites

Field Trip

Statement

Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3

Required for Yes No

Majors

Elective for No

Majors

Justification for

change:

Course has been adapted to include STEM learning so it does not just focus on mathematics now, but rather on science, mathematics, technology and engineering principles. Therefore, the name should be changed from Problems of Teaching Mathematics to Intro to STEM Education since the focus has broadened.

Approval Path

1. 01/23/18 12:40

pm

Kelly Carter (carterke): Approved for EDUC Chair

2. 01/23/18 1:20 pm Brittany Parnell (ershenb):

Approved for CCC Secretary

3. 02/01/18 8:48 pm Barry Flachsbart (barryf):

Approved for
Social Sciences
DSCC Chair

4. 02/20/18 11:42 am

Brittany Parnell (ershenb):

Change to 3xxx to be consistent with other required courses really at this level.	Approved for
Was taught in Sp16 & Sp18 as 2203.	Pending CCC
Semesters	Agenda post
previously	5. 03/08/18 12:26
offered as an	pm
experimental	Brittany Parnell
course	(ershenb):
	Approved for CCC
	Meeting Agenda
Co-Listed	6. 03/08/18 4:43 pm
Courses:	sraper: Approved
Course Reviewer	for Campus
Comments	Curricula
Confinents	Committee Chair
Kev: 2494	

History

1. Mar 6, 2017 by dewittp (2494.1)

	New Course Proposal	In Workflow
Date Submitted: 01,	/31/18 2:46 pm	1. EDUC Chair
Viewing: EDUC	3220 : Teaching Science in the Elementary Classroom	2. CCC Secretary
File: 4517		3. Social Sciences
Last edit: 02/01/1	8 1:08 pm	DSCC Chair
Changes proposed b		4. Pending CCC
Requested	Fall 2018	Agenda post
Effective Change	1 dii 2010	5. CCC Meeting
Date		Agenda
	Arts Languages & Philosophy	6. Campus Curricula
Department	Arts, Languages, & Philosophy	7. FS Meeting
Discipline	Education (EDUC)	Agenda
Course Number	3220	8. Faculty Senate
Title	Teaching Science in the Elementary Classroom	Chair
Abbreviated	Teaching Science	9. Registrar
Course Title		10. CAT entry
		11. Peoplesoft
Catalog	A study in methods and materials for teaching science. This course will cultivate	İ
Description	students' understanding of Science, Technology, Engineering and Mathematics	Approval Path
	(STEM) education with a focus on implications for teaching and learning.	1. 02/01/18 11:01
Prerequisites		am
Field Trip		Kelly Carter
Statement		(carterke): Approved for
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	EDUC Chair
Required for	Yes	2. 02/01/18 1:31 pn
Majors		Brittany Parnell
Elective for	No	(ershenb):
Majors		Approved for CCC
		Secretary
Justification for	Seeking a new permanent number	3. 02/01/18 8:48 pn
new course:		Barry Flachsbart (barryf):
Semesters	Fall 2015	Approved for
previously	Fall 2017	Social Sciences
offered as an		DSCC Chair
experimental	Fall 2015 enrollment- 10 Fall 2017 enrollment- 15	4. 02/20/18 11:42
course	Fall 2017 enrollment- 15	am
Co-Listed		Brittany Parnell
Courses:		(ershenb): Approved for
Course Reviewer		Pending CCC
Comments		Agenda post
		Key: 4517 5. 03/08/18 12:27
		pm
		Brittany Parnell
		(ershenb):
		Approved for CCC
		Meeting Agenda

6. 03/08/18 4:43 pm sraper: Approved for Campus Curricula Committee Chair

	New Course Proposal	In Workflow
Date Submitted: 01	/31/18 2:59 pm	1. EDUC Chair
Viewing: EDUC	3430 : Literature for Children	2. CCC Secretary
File: 4519		3. Social Sciences
Last edit: 02/01/1	8 1:43 pm	DSCC Chair
Changes proposed I	py: schwartzem	4. Pending CCC
Requested	Fall 2018	Agenda post
Effective Change		5. CCC Meeting Agenda
Date		6. Campus Curricula
Department	Arts, Languages, & Philosophy	Committee Chair
Discipline	Education (EDUC)	7. FS Meeting
Course Number	3430	Agenda
		8. Faculty Senate
Title	Literature for Children	Chair 9. Registrar
Abbreviated	Literature for Children	10. CAT entry
Course Title		11. Peoplesoft
Catalog	A study of children's literary works, authors, genres, and illustrators appropriate for	I I
Description	the elementary classroom.	Approval Path
Prerequisites		1. 02/01/18 11:01
Field Trip		am
Statement		Kelly Carter
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	(carterke):
		Approved for EDUC Chair
Required for Majors	Yes	2. 02/01/18 1:43 pr
-	M.	Brittany Parnell
Elective for Majors	No	(ershenb):
iviajors		Approved for CCC
Justification for	Seeking a new permanent number.	Secretary
new course:		3. 02/01/18 8:48 pn Barry Flachsbart
Semesters	Spring 2016	(barryf):
previously	Spring 2018	Approved for
offered as an		Social Sciences
experimental course	Spring 2016 enrollment -11 Spring 2018 enrollment - 9	DSCC Chair
	Spring 2018 enrollment - 9	4. 02/20/18 11:42
Co-Listed		am
Courses:		Brittany Parnell (ershenb):
Course Reviewer		Approved for
Comments		Pending CCC
	Key: 4519	, igeriaa poot
		5. 03/08/18 12:29
		pm Brittany Barnell
		Brittany Parnell (ershenb):
		Approved for CC
		Meeting Agenda

6. 03/08/18 4:43 pm sraper: Approved for Campus Curricula Committee Chair

New Course Proposal

Date Submitted: 01/31/18 2:51 pm

Viewing: EDUC 3530: Integrated Social Studies and Humanities

for the Elementary Classroom

File: 4518

Last edit: 02/01/18 1:47 pm Changes proposed by: schwartzem

Requested

Fall 2018

Effective Change

Date

Department Arts, Languages, & Philosophy

Discipline Education (EDUC)

Course Number 3530

Title Integrated Social Studies and Humanities for the Elementary Classroom

Abbreviated

Teaching Social Studies

Course Title

In Workflow

- 1. EDUC Chair
- 2. CCC Secretary
- 3. Social Sciences

 DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula Committee Chair
- 7. FS Meeting Agenda
- 8. Faculty Senate
 Chair
- 9. Registrar
- 10. CAT entry
- 11. Peoplesoft

Catalog

Description

The course will focus on the methodology and materials needed to facilitate elementary students' development in social studies. This course will integrate the curriculum and teaching strategies in social studies with music, physical education, and art.

Prerequisites

Field Trip

Statement

Credit Hours LEC: 3 LAB: 0 IND: 0

Required for Yes

Majors

Elective for No

Majors

Justification for

new course:

Seeking a new permanent number.

Approval Path

1. 02/01/18 11:02

am

Kelly Carter (carterke):
Approved for EDUC Chair

2. 02/01/18 1:57 pm Brittany Parnell

(ershenb):

Approved for CCC Secretary

3. 02/01/18 8:48 pm Barry Flachsbart

> (barryf): Approved for

Social Sciences

DSCC Chair

4. 02/20/18 11:42

am

Brittany Parnell (ershenb):

RSD: 0

Total: 3

Semesters	Approved for	r
	1	
previously	Pending CCC	
offered as an	Agenda post	
experimental	5. 03/08/18 12	:29
course	pm	
Spring 2016	Brittany Parr	nell
Spring 2018	(ershenb):	
	Approved fo	r CCC
Spring 2016 enrollment- 11	Meeting Age	nda
Spring 2018 enrollment- 12	6. 03/08/18 4:4	14 pm
Co-Listed	sraper: Appr	oved
Courses:	for Campus	
Courses.	Curricula	
Course Reviewer	Committee C	Chair
Comments	I	

Key: 4518

	New Course Proposal	In Workflow
Date Submitted: 02,	/16/18 8:34 am	In Workflow 1. EDUC Chair
Viewing: EDUC	5100 : PLTW Training	2. CCC Secretary
File: 4527	_	3. Social Sciences
Last edit: 02/21/1	8 2:01 pm	DSCC Chair
Changes proposed b		4. Pending CCC
Requested	Summer 2018	Agenda post
Effective Change	Juniner 2010	5. CCC Meeting
Date		Agenda
Department	History and Political Science	6. Campus Curricul Committee Chai
		7. FS Meeting
Discipline	Education (EDUC)	Agenda
Course Number	5100	8. Faculty Senate
Title	PLTW Training	Chair
Abbreviated	PLTW Training	9. Registrar
Course Title		10. CAT entry
Catalan	This work at a local Deciration of the West consequence (K42 and other texts)	11. Peoplesoft
Catalog Description	This graduate-level Project Lead the Way course prepares K-12 educators to become more effective teachers of STEM-focused material.	A
·	more effective teachers of Stelvi-locused material.	Approval Path
Prerequisites		1. 02/19/18 8:47 au sfogg: Approved
Field Trip		for RHISTORY
Statement		Chair
Credit Hours	LEC: 1-4 LAB: 0 IND: 0 RSD: 0 Total: 1-4	2. 02/20/18 11:16
Required for	No	am
Majors		Kelly Carter
Elective for	Yes	(carterke):
Majors		Approved for EDUC Chair
		3. 02/21/18 1:13 pt
Justification for new course:	EDUC 5100 will be listed as a repeatable, variable credit course (1-4 credits). About two dozen possible graduate-level course experiences will fall under EDUC 5100,	Brittany Parnell
new course.	including STEM Instruction for grades K-12, emphasizing the areas of Biomedical	(ershenb):
	Science, Computer Science, and Engineering. Students will be able to sign up for the	Approved for CC
	appropriate course when they enroll online. This repeatable course with variable	Secretary
	credit is a preferable alternative to listing 26 possible PLTW graduate courses in our	4. 02/21/18 3:09 p
	catalog.	Barry Flachsbart (barryf):
	Places note that this source will be housed in the Department of Toogher Education	Approved for
	Please note that this course will be housed in the Department of Teacher Education and Certification (not the Department of History and Political Science).	Social Sciences
	and certification (not the Department of History and Foliation Science).	DSCC Chair
	This variable credit course is set up like a Special Topics course, but it is independent	5. 02/21/18 3:41 pt
	of Special Topics courses for the purposes of PLTW.	Brittany Parnell
Semesters	These PLTW training courses have been taught regularly on our campus for more	(ershenb):
previously	than ten years.	Approved for Pending CCC
offered as an		Agenda post
experimental		6. 03/08/18 12:31
course		pm
		Brittany Parnell

Co-Listed Courses:	(ershenb): Approved for CCC
	Meeting Agenda
Course Reviewer	7. 03/08/18 4:44 pm
Comments	sraper: Approved
Key: 4527	for Campus
	Curricula
	Committee Chair

	/14/18 4:35 pm	
Viewing: EDUC	5370 4370 : Teachers Academy: Effective Instructional	In Workflow
Strategies		CCC Secretary Social Sciences
File: 2328.1 Last edit: 02/21/1 Changes proposed b		DSCC Chair 4. Pending CCC
Requested Effective Change Date	Fall 2018 08/01/2014	Agenda post 5. CCC Meeting Agenda 6. Campus Curricula
Department	Arts, Languages, & Philosophy	Committee Chair
Discipline	Education (EDUC)	7. FS Meeting Agenda
Course Number	5370 4 370	8. Faculty Senate
Title	Teachers Academy: Effective Instructional Strategies	Chair
Abbreviated Course Title	Teachers Academy	9. Registrar10. CAT entry11. Peoplesoft
Catalog Description	Participants will develop an understanding of research-based instruction and the ability to implement the instructional strategies in their classrooms. In addition to effective instructional practices, the teachers' academy will focus on leadership, empowerment, collaboration and renewal.	Approval Path 1. 02/15/18 4:39 pn Kelly Carter
Prerequisites	Graduate standing.	(carterke):
Field Trip Statement		Approved for EDUC Chair 2. 02/16/18 8:42 an
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Brittany Parnell
Required for Majors	No	(ershenb): Approved for CCC Secretary
Elective for Majors	Yes No	3. 02/21/18 3:09 pn Barry Flachsbart
Justification for change:	This course was updated in 8/2014. Because of graduate standing as a prerequisite, it should have been numbered as a 5000 level course. So I propose a change from 4370 to 5370 to comply with graduate level numbering.	(barryf): Approved for Social Sciences DSCC Chair
Semesters previously offered as an experimental course		4. 02/21/18 3:40 pn Brittany Parnell (ershenb): Approved for Pending CCC
Co-Listed Courses:		Agenda post 5. 03/08/18 12:46 pm
Course Reviewer Comments	carterke (02/15/18 4:39 pm): The department should read Teacher Education and Certification. (This is not available in the drop down menu, yet.) Also, the course will span Fall 18' through Spring '19, so it will officially be offered again in the Spring '19 semester. (Spring '19 was not available in the menu.)	Brittany Parnell (ershenb): Approved for CCC Meeting Agenda 6. 03/08/18 4:44 pn

for Campus Curricula Committee Chair

	New Course Proposal	In Workflow
Date Submitted: 01,	/17/18 12:54 pm	
viewing: ELEC I	ENG 5680 : Introduction to Radar Systems	1. RELECENG Chair 2. CCC Secretary
File: 4512	•	3. Engineering DSC
ast edit: 03/08/1	8.2·24.nm	Chair
Changes proposed b		4. Pending CCC
		Agenda post
Requested Effective Change	Fall 2018	5. CCC Meeting
Date Change		Agenda
		6. Campus Curricula
Department	Electrical and Computer Engineering	Committee Chair
Discipline	Electrical Engineering (ELEC ENG)	7. FS Meeting Agenda
Course Number	5680	8. Faculty Senate
Title	Introduction to Radar Systems	Chair
Abbreviated		9. Registrar
Course Title	Intro to Radar Systems	10. CAT entry
course ricie		11. Peoplesoft
Catalog	The objective of this course is to introduce senior and graduate students to various	l I
Description	radar system principles, designs and applications (e.g., pulse, frequency-modulated,	Approval Path
	chirp, Doppler radars). Topics related to signals, systems, noise, resolution, multiple	1. 01/19/18 5:46 pr
	sampling, different imaging modalities, and remote sensing will also be discussed.	Daryl Beetner
Prerequisites	Elec Eng 3400 and Elec Eng 3600.	(daryl): Approved
Field Trip		for RELECENG
Statement		Chair
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	2. 01/22/18 3:28 pr
		Brittany Parnell (ershenb):
Required for Majors	No	Approved for CC
-		Secretary
Elective for	Yes	3. 01/31/18 2:59 pr
Majors		sraper: Approved
Justification for	We have a strong electromagnetic, signal and image processing core competency	for Engineering
new course:	both in the type of courses we offer and the research that we conduct in the	DSCC Chair
	department. Many of our students perform Co-Op and Internships at institutions	4. 02/20/18 11:42
	such as Sandia National Lab., and are hired by companies and government	am Brittany Parnell
	organizations that are involved in radar R&D. Consequently, this course will not only	Brittany Parnell (ershenb):
	benefit the students in being prepared for such engagements but also gives them an	Approved for
	advantage over those without having had this background when they apply for their	Pending CCC
	career positions.	Agenda post
Semesters	Spring 2013, Fall 2017	5. 03/08/18 2:25 pr
previously	Caring 12 annullment 0	Brittany Parnell
offered as an experimental	Spring 13 enrollment- 8 Fall 17 enrollment- 7	(ershenb):
course	run 17 Cin Olliffette 7	Approved for CCC
		Meeting Agenda
Co-Listed		6. 03/08/18 4:44 pr
Courses:		sraper: Approved for Campus

Course Reviewer Comments sraper (01/23/18 2:40 pm): Changed prereq from a comma to an and between both

courses to strengthen.

ershenb (03/08/18 2:24 pm): changed "EE" to "Elec Eng" in prerequisites

Curricula

Committee Chair

Kev: 451

	New Course Proposal	In Workflow
Date Submitted: 02,	/11/18 3:42 pm	
Viewing: ENGL	ISH 3590 : Game Studies	1. RENGLISH Chair 2. CCC Secretary
File: 4526		3. Arts &
Last edit: 02/12/1	8.11:05 am	Humanities DSC
Changes proposed b		Chair
		4. Pending CCC
Requested Effective Change	Fall 2018	Agenda post
Date		5. CCC Meeting
		Agenda
Department	English and Technical Communication	6. Campus Curricul Committee Chair
Discipline	English (ENGLISH)	7. FS Meeting
Course Number	3590	Agenda
Title	Game Studies	8. Faculty Senate
Abbreviated	Game Studies	Chair
Course Title	danie studies	9. Registrar
course ritie		10. CAT entry
Catalog	An introduction to the study of games with an emphasis on their pedagogical and	11. Peoplesoft
Description	communicative uses. May cover topics such as game theory and design, gamification	·
	of classroom or workplace activities, game genres, and writing game narratives.	Approval Path
Prerequisites	One semester of literature or composition.	1. 02/11/18 3:43 pr
Field Trip		Kristine Swenson
Statement		(kswenson):
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Approved for
		RENGLISH Chair 2. 02/12/18 1:56 pr
Required for Majors	No	Brittany Parnell
-	w.	(ershenb):
Elective for	Yes	Approved for CC
Majors		Secretary
Justification for	Required for new minor in Game Studies. (See DC form/proposal which also contains	3. 02/12/18 3:16 pr
new course:	syllabus for Games Studies.)	Petra Dewitt
		(dewittp):
	Student demand to study games as an entertainment medium, as a learning tool,	Approved for Art & Humanities
	and as career field is high and increasing. Additionally, dozens of colleges and	DSCC Chair
	universities worldwide offeer both degrees and minors in game studies, creating a vast and growing scholarly and learning community. This is a field that needs study	4. 02/20/18 11:42
	and research from Missouri's premier science and technology university.	am
		Brittany Parnell
Semesters	N/A	(ershenb):
previously	N/O	Approved for
offered as an		Pending CCC
experimental		Agenda post 5. 03/12/18 9:18 ar
course		Brittany Parnell
Co-Listed	TCH COM 3590 - Course Not Found	(ershenb):
Courses:		Approved for CC
		Meeting Agenda

Course Reviewer

Comments

6. 03/12/18 9:42 am
sraper: Approved

Key: 4526

for Campus
Curricula
Committee Chair

Date Submitted: 01	/12/18 4:35 pm	
Viewing: GEOL	OGY 3631: Systematic Paleontology	In Workflow
ile: 1211.6		1. RGEOSENG Chair
ast approved: 06	5/27/16 3:12 am	2. CCC Secretary
ast approved: 00	3. Sciences DSCC	
Changes proposed I	Chair	
changes proposed i		4. Pending CCC Agenda post
Programs	GL&GPH-BS: Geology and Geophysics BS	5. CCC Meeting
referencing this		Agenda
course		6. Campus Curricula
	In The Prerequisites:	Committee Chair
Other Courses	GEOLOGY 5741 : Micropaleontology	7. FS Meeting
referencing this	GEOLOGY 6611 : Advanced Palynology	Agenda
course		8. Faculty Senate
Dogwootod	Fall 2018 2016	Chair
Requested Effective Change	Fall 2018 2016	9. Registrar
Date Change		10. CAT entry
		11. Peoplesoft
Department	Geosciences and Geological and Petroleum	
	Engineering	Approval Path
Discipline	Geology (GEOLOGY)	1. 01/14/18 9:33 an
Course Number	3631	David Borrok
Title	Systematic Paleontology	(borrokd): Approved for
Abbreviated		RGEOSENG Chair
Course Title	Systematic Paleontology	2. 01/22/18 2:26 pm
course ritie		Brittany Parnell
Catalog	Provide understanding of Introduction to paleontological principles, morphological	(ershenb):
Description	concepts, evolution of life, biostratigraphy, paleoenvironments, and	Approved for CCC
	applications/uses of fossils. the study of fossil invertebrates, microfossils, plants	Secretary
	and palynology. Chronicles evolution and classification of microfossils,	3. 01/31/18 9:26 an
	invertebrates, plants and palynomorphs. Emphasis on writing and oral skills. A	Katie Shannon
	compulsory field trip to The Field Museum (Chicago) may be at student expense. Emphasis of the course is on fossil morphology, classification, and environmental	(shannonk):
	relationships.	Approved for Sciences DSCC
		Chair
Prerequisites	Geology 1110 or Geology 1120 or Bio Sci 1113.	4. 02/20/18 11:43
Field Trip		am
Statement		Brittany Parnell
Credit Hours	LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3	(ershenb):
Required for	No	Approved for
Majors		Pending CCC
Elective for	Yes No	Agenda post
Majors		5. 03/08/18 2:29 pn
		Brittany Parnell (ershenb):
Justification for	Catalog description updated to include field trip statement and reflect changes due	Approved for CCC
change:	to the addition of a distance section (beginning fall 2018)	Meeting Agenda
Semesters		6. 03/08/18 4:44 pm
		sraper: Approved

offered as an experimental course		for Campus Curricula Committee Chair
Co-Listed Courses:		History
Course Reviewer Comments	ershenb (01/22/18 2:24 pm): moved Field Trip statement up to the Catalog Description. ershenb (01/22/18 2:25 pm): updated Start Term to Fall 2018.	1. Jun 27, 2016 by ikuenobe (1211.1)

Key: 1211

Date Submitted: 01,		In Workflow
Viewing: GEOL	OGY 6611 : Advanced Palynology	1. RGEOSENG Chair
File: 1126.1		2. CCC Secretary
Last edit: 01/31/1		3. Sciences DSCC
Changes proposed b	y: ikuenobe	Chair
Requested	Fall 2018 08/01/2014	4. Pending CCC
Effective Change		Agenda post
Date		5. CCC Meeting
Department	Geosciences and Geological and Petroleum	Agenda 6. Campus Curricula
	Engineering	Committee Chair
Discipline	Geology (GEOLOGY)	7. FS Meeting
Course Number	6611	Agenda
Title	Advanced Palynology	8. Faculty Senate
		Chair
Abbreviated Course Title	Advanced Palynology	 Registrar CAT entry
Course Title		11. Peoplesoft
Catalog	Study of organic-walled microfossils, and the processes of sporopollenin	
Description	preservation, sedimentation and and palynofacies. Chronicle of Phanerozoic	Approval Path
	Phaneozoic palynology in lectures. Major emphasis on independent	1. 01/12/18 4:25 pm
	palynostratigraphic research and applications, such as biostratigraphy, paleoclimatology and paleoenvironments. research. Chronicle of Phaneozoic	David Borrok
	paleocimatology and paleocity of miletts. **esearch. Circulate of Fhancozotic palynology in lectures.	(borrokd):
Dunnaniinitaa		Approved for
Prerequisites	Geology 3631 or Geology 5741. 4641.	RGEOSENG Chair
Field Trip		2. 01/22/18 1:55 pm
Statement		Brittany Parnell
Credit Hours	LEC: 1 LAB: 2 IND: 0 RSD: 0 Total: 3	(ershenb): Approved for CCC
Required for	No	Secretary
Majors		3. 01/31/18 9:27 am
Elective for	Yes No	Katie Shannon
Majors		(shannonk):
Justification for	One pre-requisite, Micropaleontology, has been renumbered to 5741.	Approved for
change:	2. Catalog description updated to reflect current advances in the field.	Sciences DSCC Chair
Semesters		4. 02/20/18 11:47
previously		am
offered as an		Brittany Parnell
experimental		(ershenb):
course		Approved for
Co-Listed		Pending CCC
Courses:		Agenda post 5. 03/08/18 2:30 pm
Course Devices		Brittany Parnell
Comments		(ershenb):
Comments		Approved for CCC
		Meeting Agenda
		6. 03/08/18 4:44 pm
		sraper: Approved

for Campus Curricula Committee Chair

Date Submitted: 12 Viewing: MATH			ıl Analysis	1		In Workflow
File: 1498.1						1. RMATHEMA Chair
Last edit: 03/08/1	.8 2:35 pm					2. CCC Secretary
Changes proposed I	oy: prunnion					3. Sciences DSCC
	In The Prer	requisites:				Chair
Other Courses		5 : Theory Of Par	 tial Differential E	auations		4. Pending CCC
referencing this						Agenda post
course						5. CCC Meeting
Requested	Fall 2018 0	8/01/2014				Agenda
Effective Change	Fall 2010 0	0/01/2011				6. Campus Curricula
Date						7. FS Meeting
Department	Mathamati	ics & Statistics				Agenda
						8. Faculty Senate
Discipline	Mathemati	ics (MATH)				Chair
Course Number	6417					9. Registrar
Title	Functional	Analysis I				10. CAT entry
Abbreviated	Functional	Analysis I				11. Peoplesoft
Course Title	ranctional	Anarysis i				
						Approval Path
Catalog						1. 01/08/18 3:37 pm
Description						sclark: Approved
Banach spaces, I						for RMATHEMA
theorem, duality		_				Chair
boundedness pri theorem, self adj	-				-	2. 01/11/18 9:12 am
and Hilbert space		nai- operators, ar	iu spectiai relatt	ed topics of band	an .	Brittany Parnell (ershenb):
·						Approved for CCC
Prerequisites Math 5215 ; Math	h E21E and /N	1ath E109 or N/a	th EESE Math E	EOE)		Secretary
	n JEIJ and (N	uatu-	3303. Matri 3.	503]		3. 01/31/18 2:17 pm
Field Trip						Katie Shannon
Statement						(shannonk):
						Approved for
Credit Hours	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3	Sciences DSCC
Required for	No					Chair
Majors						4. 02/20/18 11:47 am
Elective for	Yes No					Brittany Parnell
Majors						(ershenb):
						Approved for

Justification for Pending CCC change: Agenda post The catalog description is being updated according to current trends in functional 5. 03/08/18 2:35 pm analysis and faculty research interests. **Brittany Parnell** (ershenb): Semesters Approved for CCC previously Meeting Agenda offered as an 6. 03/08/18 4:44 pm experimental sraper: Approved course for Campus Curricula Co-Listed Committee Chair Courses: ershenb (03/08/18 2:35 pm): removed "and" from prerequisites and added ";" Course Reviewer Comments

Key: 1498

Date Submitted: 01	/08/18 3:33 pm	
Viewing: MATH	H 6418 : Functional Analysis II	In Workflow
File: 1494.1		1. RMATHEMA Chair
Last edit: 01/31/1	8 2:17 pm	2. CCC Secretary
Changes proposed l	by: prunnion	3. Sciences DSCC
Requested	Fall 2018 08/01/2014	Chair
Effective Change		4. Pending CCC
Date		Agenda post
Department	Mathematics & Statistics	5. CCC Meeting
		Agenda
Discipline	Mathematics (MATH)	6. Campus Curricula Committee Chair
Course Number	6418	7. FS Meeting
Title	Functional Analysis II	Agenda
Abbreviated	Functional Analysis II	8. Faculty Senate
Course Title		Chair
Catalaa	A continue to a facility of the additional to the second s	9. Registrar
Catalog	A continuation of Math 6417 with additional topics related to bounded and	10. CAT entry
Description	unbounded operators and their applications. Spectral analysis of linear operators, spectral theorems, selected applications, an introduction to the theory of	11. Peoplesoft
	topological linear spaces, and papers from the recent literature.	
Dunnensialten	Math 6215 and Math 6417.	Approval Path
Prerequisites	Math 0213 and Math 0417.	1. 09/07/17 1:22 pm
Field Trip		sclark: Approved
Statement		for RMATHEMA
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Chair 2. 09/08/17 10:20
Required for	No	am
Majors		Brittany Parnell
Elective for	Yes No	(ershenb):
Majors		Approved for CCC
		Secretary
Justification for	The catalog description is being updated according to current trends in functional	3. 09/27/17 9:41 am
change:	analysis and faculty research interests.	Katie Shannon
Semesters		(shannonk): Rollback to
previously		RMATHEMA Chair
offered as an experimental		for Sciences DSCC
course		Chair
Co-Listed		4. 01/08/18 3:30 pm
Co-Listed Courses:		Kristy Giacomelli
Courses.		(kristyg): Rollback
Course Reviewer	shannonk (09/27/17 9:41 am): Rollback: Only special topics and seminar courses	to Initiator
Comments	may be repeated for credit. The committee is concerned that this course description	5. 01/08/18 3:37 pm sclark: Approved
	does not contain language preventing students from getting credit for identical	for RMATHEMA
	content	Chair
	kristyg (01/08/18 3:30 pm): Rollback: Rollback per conversation with Paul Runnion.	6. 01/11/18 9:13 am
	Key: 1494	Brittany Parnell
		(ershenb):

Approved for CCC Secretary

7. 01/31/18 2:18 pm Katie Shannon (shannonk): Approved for Sciences DSCC Chair

8. 02/20/18 11:47 am Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

9. 03/08/18 2:40 pm **Brittany Parnell** (ershenb): Approved for CCC Meeting Agenda

10. 03/08/18 4:45 pm sraper: Approved for Campus Curricula Committee Chair

Date Submitted: 01/	31/18 10:28 am	
Viewing: MET E	NG 5480 : Refining Of Metals	In Workflow
File: 2364.1	_	1. RMATSENG Chair
Last edit: 02/01/1	3 9:38 am	2. CCC Secretary 3. Engineering DSCC
Changes proposed b		Chair
Requested	Fall 2018 08/01/2014	4. Pending CCC
Effective Change		Agenda post
Date		5. CCC Meeting
Department	Materials Science & Engineering	Agenda
Discipline	Metallurgical Engineering (MET ENG)	6. Campus Curricula Committee Chair
·		7. FS Meeting
Course Number	5480	Agenda
Title	Refining Of Metals	8. Faculty Senate
Abbreviated	Refining Of Metals	Chair
Course Title		9. Registrar
Catalog	Principles and applications of refined metal production by electrochemical	10. CAT entry
Description	methods. thermochemistry, phase equilibria, and kinetics as applied to the	11. Peoplesoft
Bescription	of metals and alloys. The course will address basic copper and zinc processi	ing,
	electrometallurgy, anodes and anodic processes, cathode deposit control a	Annroval Path
	contamination mechanisms, Faraday's Law and current efficiency, and current	rent 1. 01/31/18 10:36
	state of practice. Theory of dilute solutions, interaction coefficients and rea	
	metals with gases and slags. Analysis and design of refining processes. Option	
	credit hour requires a term paper.	(ghilmas): Approved for
Prerequisites	Cer Eng 3230 and Met Eng 3220 4350 or graduate standing. Cer Eng 3230.	RMATSENG Chair
Field Trip		2. 01/31/18 10:50
Statement		am
Credit Hours	LEC: 3 0 LAB: 0 IND: 0 RSD: 0 Total: 3 2 -	Brittany Parnell
Required for	No	(ershenb):
Majors	NO	Approved for CCC
-	Vac Na	Secretary 3. 02/13/18 1:49 pm
Elective for Majors	Yes No	sraper: Approved
iviajors		for Engineering
Justification for	change from independent study to lecture format, update course descriptio	
change:		4. 02/20/18 11:47
Semesters		am
previously		Brittany Parnell
offered as an		(ershenb):
experimental		Approved for
course		Pending CCC Agenda post
Co-Listed		5. 03/08/18 2:41 pm
Courses:		Brittany Parnell
Course Reviewer		(ershenb):
Comments		Approved for CCC
		Meeting Agenda
		6. 03/08/18 4:45 pm
		sraper: Approved

for Campus Curricula Committee Chair

A deleted record ca		ı
Data Calca III - 1 cc	Course Deactivation Proposal	In Workflow
Pate Submitted: 02, Piewing: MIN E File: 1702.1 Last edit: 02/05/1	ENG 4413: Material Processing By High-Pressure Water Jet	 RMINNUCL Chai CCC Secretary Engineering DSC Chair
Changes proposed b	py: cifarellit	4. Pending CCC
Other Courses referencing this course	In The Catalog Description: MECH ENG 5606 : Material Processing By High-Pressure Water Jet	Agenda post 5. CCC Meeting Agenda 6. Campus Curricul Committee Chai
Requested Effective Change Date	Fall 2017 08/01/2014	7. FS Meeting Agenda 8. Faculty Senate Chair
Department	Mining & Nuclear Engineering	9. Registrar
Discipline	Mining Engineering (MIN ENG)	10. CAT entry
Course Number	4413	11. Peoplesoft
Title	Material Processing By High-Pressure Water Jet	
Abbreviated Course Title	Mtl Proc Hghpres Wtr Jet	Approval Path 1. 02/05/18 10:09 am
Catalog Description	Methods of generating high pressure water jets; standard equipment, existing techniques and basic calculations. Applications of water jets to materials cutting and mineral processing. Safety rules. The course will be supported by laboratory demonstrations.	Braden lusk (blusk): Approve for RMINNUCL Chair
Prerequisites		2. 02/05/18 10:20
Field Trip Statement		am Brittany Parnell (ershenb): Approved for CC
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	Secretary
Required for Majors	No	3. 02/13/18 1:48 pi sraper: Approved
Elective for Majors	No	for Engineering DSCC Chair 4. 02/20/18 11:47
Justification for change:	Delete 4000 level undergrad courses and teach at a 5000 level. will replace this course in the curriculum with 5413.	am Brittany Parnell
Semesters previously offered as an experimental course		(ershenb): Approved for Pending CCC Agenda post 5. 03/08/18 2:42 pi
Co-Listed Courses:	MECH ENG 5606 - Material Processing By High-Pressure Water Jet	Brittany Parnell (ershenb): Approved for CC
Course Reviewer Comments		Meeting Agenda

6. 03/08/18 4:45 pm sraper: Approved for Campus Curricula Committee Chair

A deleted record car	nnot be edited	
	Course Deactivation Proposal	
Date Submitted: 02/	In Workflow	
/iewing: MIN E	1. RMINNUCL Chair	
ile: 2362.1	2. CCC Secretary 3. Engineering DSC	
Last edit: 02/05/1	8.10·09 am	Chair
Changes proposed b		4. Pending CCC
		Agenda post
Programs	MNRL PR-MI: Mineral Process Eng Minor	5. CCC Meeting
referencing this		Agenda
course		6. Campus Curricula
		7. FS Meeting
Requested	Fall 2017 08/01/2014	Agenda
Effective Change Date		8. Faculty Senate
Date		Chair
Department	Mining & Nuclear Engineering	9. Registrar
Discipline	Mining Engineering (MIN ENG)	10. CAT entry
Course Number	4422	11. Peoplesoft
Title	Coal Preparation	Approval Path
Abbreviated	Coal Preparation	1. 02/05/18 10:09
Course Title		am
Catalag	Coal proporties compling testing broaking sixing cleaning and doughtering	Braden lusk
Catalog Description	Coal properties, sampling, testing, breaking, sizing, cleaning and dewatering. Disposal of refuse.	(blusk): Approved
•		for RMINNUCL
Prerequisites	Min Eng 3412 and senior standing.	Chair
Field Trip		2. 02/05/18 10:20
Statement		am Britton Donoell
Credit Hours	LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3	Brittany Parnell (ershenb):
Required for	No	Approved for CCC
Majors		Secretary
Elective for	No	3. 02/13/18 1:48 pr
Majors		sraper: Approved
		for Engineering
Justification for	Delete this 4000 level course and replace with 5000 level in the curriculum. This will	DSCC Chair
change:	be replaced with 5422.	4. 02/20/18 11:47
Semesters		am Brittany Parnell
previously		(ershenb):
offered as an		Approved for
experimental		Pending CCC
course		Agenda post
Co-Listed		5. 03/08/18 2:43 pn
Courses:		Brittany Parnell
Course Reviewer		(ershenb):
Comments		Approved for CCC
		Meeting Agenda

6. 03/08/18 4:45 pm sraper: Approved for Campus Curricula Committee Chair

Date Submitted: 10/31/17 12:16 pm In Workflow Viewing: MIN ENG 5413: Material Processing by High Pressure Water Jet Adv 1. RMINNUCL Chair **Mtl Proc Hghpres Wtr Jet** 2. CCC Secretary 3. Engineering DSCC File: 500.1 Chair Last edit: 03/09/18 9:53 am 4. Pending CCC Changes proposed by: cifarellit Agenda post Fall 2018 08/01/2014 Requested 5. CCC Meeting **Effective Change** Agenda Date 6. Campus Curricula **Committee Chair** Department Mining & Nuclear Engineering 7. FS Meeting Discipline Mining Engineering (MIN ENG) Agenda Course Number 5413 8. Faculty Senate Chair Title Material Processing by High Pressure Water Jet Adv Mtl Proc Hghpi 9. Registrar 10. CAT entry Abbreviated Adv-Mtl Proc Hghpres Wtr Jet 11. Peoplesoft Course Title Approval Path Catalog Methods of generating high pressure water jets; standard equipment, existing Description techniques and basic calculations. Applications of water jets to materials cutting 1. 11/27/17 7:15 pm and mineral processing. Safety rules. The course will be supported by laboratory Braden lusk demonstrations. Advanced me (blusk): Approved power calculations, applications of waterjets in the mining and manufacturing for RMINNUCL industries, and safety considerations. Research paper or design project required. Chair 2. 11/28/17 11:17 Prerequisites Mi Eng 4413 or Consent of Instructor. am Field Trip **Brittany Parnell** Statement (ershenb): Credit Hours LEC: 3 IAB: 0 IND: 0 RSD: 0 Total: 3 Approved for CCC Secretary Required for No 3. 01/08/18 1:43 pm Majors sraper: Approved Elective for Yes No for Engineering Majors DSCC Chair 4. 01/23/18 4:01 pm Justification for Course was being offered to graduate and undergraduate students under two **Brittany Parnell** separate course numbers. 5413 was selected as the course number to utilize based change: (ershenb): on recommendations of the curriculum committee. Approved for Semesters Pending CCC previously Agenda post offered as an 5. 03/09/18 9:53 am experimental **Brittany Parnell** course (ershenb): Approved for CCC Co-Listed MECH ENG 5606 - Material Processing By High-Pressure Water Jet Meeting Agenda Courses: 6. 03/09/18 11:16 Course Reviewer sraper (11/29/17 11:04 am): checked "elective for majors" Comments ershenb (03/09/18 9:53 am): Removed "Co-listed with Mech Eng 5606." from the sraper: Approved for Campus prerequisites section.

Curricula
Committee Chair

Date Submitted: 10/	/31/17 12:22 pm	
Viewing: MIN E	NG 5422 : Advanced Coal Preparation	In Workflow
File: 2019.1	·	1. RMINNUCL Chai
Last edit: 03/09/1	8 9:52 am	2. CCC Secretary
Changes proposed b		3. Engineering DSC
Requested	Fall 2018 08/01/2014	4. Pending CCC
Effective Change	Agenda post	
Date		5. CCC Meeting
Donartment	Mining P. Nuclear Engineering	Agenda
Department	Mining & Nuclear Engineering	6. Campus Curricul
Discipline	Mining Engineering (MIN ENG)	Committee Chair
Course Number	5422	7. FS Meeting
Title	Advanced Coal Preparation	Agenda
Abbreviated	Advanced Coal Preparation	8. Faculty Senate Chair
Course Title	- Advanced Court reputation	9. Registrar
		10. CAT entry
Catalog	Coal properties, sampling, testing, breaking, sizing, cleaning and dewatering.	11. Peoplesoft
Description	Disposal of refuse. Advanced methods for designing coal processing circuitry and	
	practices, flowsheet design, sampling, advanced ash and moisture analyzers; coarse,	Approval Path
	intermediate, and fine coal cleaning; dewatering; dry coal cleaning	1. 11/27/17 7:16 pr
	research.Research paper or design project required.	Braden lusk
Prerequisites	Min Eng 2412. Mi Eng 4422 or Consent of Instructor.	(blusk): Approve
Field Trip		for RMINNUCL
Statement		Chair
Credit Hours	LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3	2. 11/28/17 11:20
Required for	No	am
Majors	NO	Brittany Parnell
-		(ershenb):
Elective for	Yes No	Approved for CC Secretary
Majors		3. 01/08/18 1:43 pr
Justification for	Course was being offered to graduate and undergraduate students under two	sraper: Approved
change:	separate course numbers. 5422 was selected as the course number to utilize based	for Engineering
	on recommendations of the curriculum committee.	DSCC Chair
Semesters		4. 01/23/18 4:03 pr
previously		Brittany Parnell
offered as an		(ershenb):
experimental		Approved for
course		Pending CCC
Co-Listed		Agenda post
Courses:		5. 03/09/18 9:52 ar
		Brittany Parnell (ershenb):
Course Reviewer	sraper (11/29/17 11:14 am): checked "elective for majors"	Approved for CC
Comments	ershenb (03/09/18 9:52 am): Removed "consent of instructor" from prerequisites.	Meeting Agenda
	Key: 2019	6. 03/09/18 11:16
		am
		sraper: Approved
		for Campus

Curricula Committee Chair

New Course Proposal In Workflow Date Submitted: 01/22/18 2:55 pm 1. RMATSENG Chair **Viewing: MS&E 5060: Chemistry of Construction Materials** 2. CCC Secretary File: 4513 3. Engineering DSCC Chair Last edit: 03/08/18 2:45 pm 4. Pending CCC Changes proposed by: kumarad Agenda post Requested Fall 2018 5. CCC Meeting **Effective Change Agenda** Date 6. Campus Curricula Department Materials Science & Engineering **Committee Chair** 7. FS Meeting Discipline Materials Science & Eng (MS&E) Agenda Course Number 5060 8. Faculty Senate Title Chair Chemistry of Construction Materials 9. Registrar Abbreviated Const Mat Chem 10. CAT entry Course Title 11. Peoplesoft Catalog Description Approval Path The objective of the course is to utilize fundamental concepts of materials science 1. 01/22/18 2:58 pm and chemistry to understand, analyze, and describe the chemistry of construction **Greg Hilmas** materials. Special focus is given to describe composition-reactivity-microstructure-(ghilmas): property relations in various cementitious materials. Approved for **RMATSENG Chair** Prerequisites At least Senior Standing. 2. 01/22/18 3:52 pm **Brittany Parnell** Field Trip (ershenb): Statement Approved for CCC Secretary **Credit Hours** LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 3. 01/31/18 3:00 pm sraper: Approved Required for Nο for Engineering Majors **DSCC Chair** Elective for Yes 4. 02/20/18 11:47 Majors am **Brittany Parnell** Justification for (ershenb): new course: Approved for The course has been previously offered on two occasions -- as an experimental Pending CCC course (MSE 5001/6001) -- in Spring semester of 2016 and Fall semester of 2017. Agenda post

Semesters previously offered as an experimental course Spring 2016

Fall 2017

Spring 2016 enrollment (5001)- 5 Fall 2016 enrollment (6001)- 13

Co-Listed Courses:

Comments

5. 03/08/18 2:45 pm Brittany Parnell (ershenb): Approved for CCC Meeting Agenda

6. 03/08/18 4:45 pm sraper: Approved for Campus Curricula Committee Chair

Course Reviewer

sraper (01/23/18 2:43 pm): took .00 our of hours (3.00) put 3 in total as it was zero. Changed to elective for majors. Will inquire about prereq statement. Not sure if this

was approved at EC stage with "Senior undergraduate".

ershenb (03/08/18 2:45 pm): removed "Senior Undergraduate" in prereqs and

added " At least Senior Standing."

Key: 4513

	New Course Proposal	In Workflow			
Date Submitted: 01/22/18 2:59 pm					
/iewing: MS&E 6060 : Advanced Chemistry of Construction Materials					
ile: 4514					
ast edit: 03/08/18 2:48 pm					
Changes proposed by: kumarad					
		Agenda post			
Requested Effective Change	Fall 2018	5. CCC Meeting			
Date		Agenda			
	Maharida Crista O Francisco	6. Campus Curricula			
Department	Materials Science & Engineering	Committee Chair			
Discipline	Materials Science & Eng (MS&E)	7. FS Meeting Agenda			
Course Number	6060	8. Faculty Senate			
Title	Advanced Chemistry of Construction Materials	Chair			
Abbreviated		9. Registrar			
Course Title	Adv Chem Const Mat	10. CAT entry			
Course Title		11. Peoplesoft			
Catalog	To describe fundamental composition-reactivity-microstructure-property	I I			
Description	relationships in construction materials. Tests will include quizzes, written-exams, as	Approval Path			
	well as a term paper and a presentation on a topic relevant to the course.	1. 01/22/18 3:12 pm			
Prerequisites		Greg Hilmas			
Field Trip		(ghilmas):			
Statement		Approved for			
	150 2	RMATSENG Chair			
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	2. 01/22/18 3:55 pm			
Required for	No	Brittany Parnell			
Majors		(ershenb): Approved for CCC			
Elective for	Yes	Secretary			
Majors		3. 01/31/18 3:01 pm			
Justification for	The course has been previously offered on two occasions as an experimental	sraper: Approved			
new course:	course (MSE 5001/6001) in Spring semester of 2016 and Fall semester of 2017.	for Engineering			
		DSCC Chair			
Semesters	Spring 2016	4. 02/20/18 11:47			
previously offered as an	Fall 2017	am			
experimental	Spring 2016 enrollment (5001) - 5	Brittany Parnell			
course	Fall 2017 enrollment(6001) - 13	(ershenb):			
Co Listed		Approved for Pending CCC			
Co-Listed Courses:		Agenda post			
5541565.		5. 03/08/18 2:48 pm			
Course Reviewer	sraper (01/23/18 2:44 pm): Fixed credit hours from 3.00 to 3 etc. Checked elective	Brittany Parnell			
Comments	for majors. Will make inquiry about catalog description. Not sure if it was approved	(ershenb):			
	this way at EC level.	Approved for CCC			
	ershenb (03/08/18 2:48 pm): removed "Graduate Standing" from prerequisite.	Meeting Agenda			
	Key: 4514	0. 03/00/10 1. 13 pii			
		sraper: Approved			
		for Campus			

Curricula Committee Chair

	New Course Proposal	In Workflow		
Date Submitted: 01,	/10/18 4:23 pm	1. RPSYCHOL Chair		
Handing DCVCH 2501 · Drugs and Rehavior				
_				
cast edit: 01/22/18 1:59 pm Changes proposed by: hensleea				
Effective Change	1811 2010	5. CCC Meeting		
Date		Agenda		
Department	Psychological Science	6. Campus Curricula Committee Chair		
		7. FS Meeting		
Discipline	Psychology (PSYCH)	Agenda		
Course Number	3501	8. Faculty Senate		
Title	Drugs and Behavior	Chair		
Abbreviated	Drugs and Behavior	9. Registrar		
Course Title		10. CAT entry		
		11. Peoplesoft		
Catalog	An introduction to the behavioral effects of drugs. A broad range of topics are			
Description	covered including the 1) History of therapeutic and recreational drug use and abuse	Approval Path		
	2) Consequences of drug abuse and addiction 3) Behavioral, psychological, and	1. 01/11/18 12:48		
	physiological effects of drugs 4) Research methods used to study drugs 5) Effective	pm		
	treatments for drug problems.	murray:		
Prerequisites	Psych 1001.	Approved for		
Field Trip		RPSYCHOL Chair		
Statement		2. 01/22/18 2:00 pr Brittany Parnell		
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	(ershenb):		
Required for	No	Approved for CC		
Majors		Secretary		
Elective for	Vac	3. 02/01/18 9:22 ar		
Majors	Yes	Barry Flachsbart		
iviajors		(barryf):		
Justification for	To continue to provide an upper-level social science elective for engineering	Approved for		
new course:	majors and to expand the clinical curriculum electives for psychology	Social Sciences		
	majors.	DSCC Chair 4. 02/20/18 11:48		
Semesters	Fall 2016 and Fall 2017	am		
previously		Brittany Parnell		
offered as an	Fall 2016 enrollment- 16	(ershenb):		
experimental	Fall 2017 enrollment- 23	Approved for		
course		Pending CCC		
Co-Listed		Agenda post		
Courses:		5. 03/08/18 2:49 pr		
Course Reviewer		Brittany Parnell		
Comments		(ershenb):		
	Key: 4510	Approved for CCO Meeting Agenda		
	usey. usu	6. 03/08/18 4:45 pr		
		sraper: Approved		

for Campus Curricula Committee Chair

Date Submitted: 02	/11/18 8:19 pm	In Workflow					
Viewing: PSYCH 6602 : Employee Affect and Behavior Job Attitudes, Emotions, and Discretionary Behaviors File: 4359.4 Last approved: 01/26/17 3:15 am Last edit: 02/12/18 10:54 am							
							Agenda post
					Changes proposed I	y, weidnern	5. CCC Meeting
					Programs	INORGPS-MS: Industrial Organizational Psychology MS	Agenda
					referencing this		6. Campus Curricula
course		Committee Chair					
		7. FS Meeting Agenda					
Requested	Summer 2018 Fall 2017	8. Faculty Senate					
Effective Change		Chair					
Date		9. Registrar					
Department	Psychological Science	10. CAT entry					
Discipline	Psychology (PSYCH)	11. Peoplesoft					
Course Number	6602						
Title	Employee Affect and Behavior Job Attitudes, Emotions, and	Approval Path					
	Discretionary Behaviors	1. 02/10/18 7:08 pn					
Abbreviated	Affect Emotions and Behavior	murray: Rollback					
Course Title	Affect Emotions and benavior	to Initiator 2. 02/12/18 9:22 an					
Course Title		murray:					
Catalog	Theory and research surrounding employee attitudes, emotions, and behaviors with	Approved for					
Description	an emphasis on antecedents and outcomes of: job satisfaction, engagement,	RPSYCHOL Chair					
	organizational justice, trait and state positive and negative affect, organizational	3. 02/12/18 10:55					
	citizenship, counterproductive work, and proactive behaviors and the Implications	am					
	for both employees and organizations.	Brittany Parnell					
Prerequisites	Psych 5010.	(ershenb):					
Field Trip		Approved for CCC					
Statement		Secretary					
Credit Hours	LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3	4. 02/13/18 9:47 pr Barry Flachsbart					
Required for	Yes	(barryf):					
Majors		Approved for					
-	No	Social Sciences					
Elective for Majors	No	DSCC Chair					
iviajora		5. 02/20/18 11:48					
Justification for	The old name was too long. Students were getting confused about it. Employee	am Brittany Parnell					
change:	Affect and Behavior is a good name for the course which fits with it's objectives. The	(ershenb):					
	short title has been changed as well.	Approved for					
	This course will be offered for the first time in SS 2018. If we can get the change	Pending CCC					
	done before then, it will never have been offered under the long name.	Agenda post					
_	done belove then, it will never have been offered under the long fathe.	6. 03/08/18 2:50 pr					
Semesters		Brittany Parnell					
previously		(ershenb):					

experimental course Co-Listed Courses:		Approved for CCC Meeting Agenda 7. 03/08/18 4:46 pm sraper: Approved for Campus
Course Reviewer Comments	murray (02/10/18 7:08 pm): Rollback: the short title still has emotion. You sure about that? thanks	Curricula Committee Chair
	Key: 4359	History 1. Jan 26, 2017 by Nathan Weidner (weidnern)

New Course Proposal In Workflow Date Submitted: 01/31/18 8:35 pm 1. RENGLISH Chair Viewing: TCH COM 3550: Writing for Social Media 2. CCC Secretary File: 4521 3. Arts & **Humanities DSCC** Last edit: 03/12/18 9:20 am Chair Changes proposed by: kswenson 4. Pending CCC Requested Fall 2018 Agenda post **Effective Change** 5. CCC Meeting Date Agenda Department **English and Technical Communication** 6. Campus Curricula **Committee Chair** Discipline Technical Communication (TCH COM) 7. FS Meeting Course Number 3550 **Agenda** 8. Faculty Senate Title Writing for Social Media Chair Abbreviated Writing for Social Media 9. Registrar Course Title 10. CAT entry 11. Peoplesoft Catalog Description The theory and practice of writing for social media. Emphasis on the role of social Approval Path media in industry. 1. 01/31/18 8:52 pm Kristine Swenson Prerequisites One semester of college composition or technical writing. (kswenson): Approved for Field Trip **RENGLISH Chair** Statement 2. 02/01/18 3:43 pm **Brittany Parnell** Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 (ershenb): Approved for CCC Required for No Secretary Majors 3. 02/02/18 11:45 Elective for Yes Majors Petra Dewitt (dewittp): Justification for Approved for Arts new course: & Humanities Required for new minor, Social Media in Industry. See separate proposal with DSCC Chair syllabus. 4. 02/20/18 11:48 Semesters am previously **Brittany Parnell** offered as an

	1
experimental	(ershenb):
course	Approved for
N/A	Pending CCC
Co-Listed	Agenda post
Courses:	5. 03/12/18 9:20 am
ENGL 3550 - Course Not Found	Brittany Parnell
ENGE 5550 COURCE NOT FOUND	(ershenb):
Course Reviewer	Approved for CCC
Comments	Meeting Agenda
ershenb (03/12/18 9:20 am): Removed "Co-listed as ENGL 3550 Writing for Social	6. 03/12/18 9:42 am
Media." from Catalog Description.	sraper: Approved
Key:	for Campus
	Curricula
	Committee Chair

New Course Proposal In Workflow Date Submitted: 01/31/18 5:13 pm 1. RENGLISH Chair **Viewing: TCH COM 3580: Business Communication** 2. CCC Secretary File: 4520 3. Arts & **Humanities DSCC** Last edit: 02/02/18 11:48 am Chair Changes proposed by: kswenson 4. Pending CCC Requested Fall 2018 Agenda post **Effective Change** 5. CCC Meeting Date Agenda Department **English and Technical Communication** 6. Campus Curricula **Committee Chair** Discipline Technical Communication (TCH COM) 7. FS Meeting Course Number 3580 **Agenda** 8. Faculty Senate Title **Business Communication** Chair Abbreviated **Business Communication** 9. Registrar Course Title 10. CAT entry 11. Peoplesoft Catalog Description The principles and practice of business communication. Covers topics such as genres Approval Path of business writing, business uses of social media, branding and content strategy, 1. 01/31/18 5:19 pm and intercultural business communication. Kristine Swenson Prerequisites (kswenson): Approved for One semester of college composition or technical writing. **RENGLISH Chair** Field Trip 2. 02/02/18 11:34 Statement am N/A **Brittany Parnell** Credit Hours LEC: 3 LAB: 0 IND: 0 RSD: 0 Total: 3 (ershenb): Approved for CCC Required for No Secretary Majors 3. 02/02/18 11:48 Elective for Yes am Majors Petra Dewitt (dewittp): Justification for Approved for Arts new course: & Humanities Required for our new minor (proposed) in Social Media in Industry. See that **DSCC Chair** proposal for justification. 4. 02/20/18 11:48 Semesters am previously

offered as an	Brittany Parnell
experimental	(ershenb):
course	Approved for
N/A	Pending CCC
Co-Listed	Agenda post
Courses:	5. 03/12/18 9:21 am
	Brittany Parnell
Course Reviewer	(ershenb):
Comments	Approved for CCC
dewittp (02/02/18 11:48 am): Marked elective for majors.	Meeting Agenda
Key: 4520	6. 03/12/18 9:42 am
	sraper: Approved
	for Campus
	Curricula
	Committee Chair

Program Change Request

Date Submitted: 12/07/17 5:41 pm

Viewing: MATH-MST: Mathematics MST

File: 84.7

Last approved: 06/27/16 9:25 am
Last edit: 12/07/17 5:41 pm
Changes proposed by: prunnion

Catalog Pages Using this Program

Mathematics and Statistics

Start Term
Fall 2018 2016
Program Code
MATH-MST
Department

Mathematics & Statistics

Title

Mathematics MST

Program Requirements and Description

In Workflow

- 1. RMATHEMA Chair
- 2. CCC Secretary
- 3. Sciences DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting
- Agenda
 6. Campus Curricula
- Committee Chair
- 7. FS Meeting Agenda
- 8. Faculty Senate
- Chair 9. Registrar
- 10. Kristy Giacomelli

Approval Path

- 01/08/18 3:37 pm sclark: Approved for RMATHEMA Chair
- 2. 01/11/18 9:16 am
 Brittany Parnell
 (ershenb):
 Approved for CCC
 Secretary
- 3. 01/31/18 9:29 am Katie Shannon (shannonk): Approved for Sciences DSCC Chair
- 02/20/18 11:47 am
 Brittany Parnell
 (ershenb):
 Approved for
 Pending CCC
 Agenda post
- 5. 03/08/18 2:52 pm Brittany Parnell (ershenb): Approved for CCC Meeting Agenda
- 6. 03/08/18 4:45 pm sraper: Approved for Campus Curricula Committee Chair

History

- 1. Feb 20, 2014 by llene Morgan (imorgan)
- 2. Jul 23, 2015 by pantaleoa
- 3. Jun 27, 2016 by Ilene Morgan (imorgan)

The master of science for teachers program is primarily designed for secondary school teachers in the physical sciences and mathematics. The program of study must include at least 32 hours of courses numbered at the 4000-level or above 2000-in science and mathematics, three hours of which must be at the at the 6000-level. A student No more than six hours may substitute up to six credit hours of coursework be at the 3000 level in place of six hours of 4000 level courses; 2000 level; any such courses must be from departments other than mathematics and statistics and are subject to te-the approval of ef-the student's master's committee.

Justification for request

This change is being made to bring this degree into compliance with the standard that 2000-level courses are not permitted for graduate degree programs. Supporting Documents

Course Reviewer Comments

Key: 84

Program Change Request

New Program Proposal

Date Submitted: 02/11/18 3:35 pm

Viewing: PROPOSED: Game Studies (Minor)

File: 259

Last edit: 02/12/18 3:15 pm Changes proposed by: kswenson

Start Term Fall 2018 Program Code PROPOSED Department

English and Technical Communication

Title

Game Studies (Minor)

Program Requirements and Description

In Workflow

- 1. RENGLISH Chair
- 2. CCC Secretary
- 3. Arts & Humanities DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting Agenda
- 6. Campus Curricula
 Committee Chair
- 7. FS Meeting
- Agenda
- 8. Faculty Senate Chair
- 9. Registrar
- 10. Kristy Giacomelli

Approval Path

- O2/11/18 3:43 pm
 Kristine Swenson
 (kswenson):
 Approved for
 RENGLISH Chair
- 2. 02/12/18 1:55 pm Brittany Parnell (ershenb): Approved for CCC Secretary
- 3. 02/12/18 3:15 pm Petra Dewitt (dewittp): Approved for Arts & Humanities DSCC Chair
- 02/20/18 11:47 am
 Brittany Parnell
 (ershenb):
 Approved for
 Pending CCC
 Agenda post
- 5. 03/12/18 9:22 am Brittany Parnell (ershenb): Approved for CCC Meeting Agenda
- 6. 03/12/18 9:42 am sraper: Approved for Campus Curricula Committee Chair

Overall Goals and Objectives:

- 1. Study games as meaningful systems
- 2. Research games as narrative devices
- 3. Reflect on the cultural and social impact of games
- 3. Develop ways to use games as learning tools

Requirements:

- 1. TCH COM or ENGL 3590 Game Studies
- 2. TCH COM 5530 Usability Studies
- 3. English 1170--Creative Writing Fiction OR English 2171--Fiction Writing
- One of the following:
- English 2243--Science Fiction
- English 2244--Fantasy Literature

English 2001--Graphic Novel

[See attachments for more details]

Justification for request

. Student demand to study games as an entertainment medium, as a learning tool, and as career field is high and increasing. Additionally, dozens of colleges and universities worldwide offeer both degrees and minors in game studies, creating a vast and growing scholarly and learning community. This is a field that needs study and research from Missouri's premier science and technology university.

Games permeate society and culture in a number of significant ways. In fiction studies, games are a unique narrative medium that features interaction between reader (player) and author (developer). Like theatre, games are a collaborative art that includes cinema, animation, computer science, communication theory, and visual art. Through games, cognitive science, art, and media communication work together in production. A Game Studies minor therefore highlights interdisciplinarity and broadens skills/training of STEM, Psychological Science, Communication, and Humanities students Supporting Documents

Game Studies Syllabus.docx

Game Studies Minor Proposal.doc

Course Reviewer Comments

ershenb (02/12/18 11:32 am): added "I" to Graphic Nove dewittp (02/12/18 3:15 pm): Clarified course requirements

Key: 259

Program Change Request

New Program Proposal

Date Submitted: 01/31/18 5:04 pm

Viewing: PROPOSED: Minor in Social Media in Industry

File: 258

Last edit: 02/01/18 8:18 am Changes proposed by: kswenson

Start Term
Fall 2018
Program Code
PROPOSED
Department

English and Technical Communication

Title

Minor in Social Media in Industry

Program Requirements and Description

In Workflow

- 1. RENGLISH Chair
- 2. CCC Secretary
- 3. Arts & Humanities
 DSCC Chair
- 4. Pending CCC Agenda post
- 5. CCC Meeting
- 6. Campus Curricula
 Committee Chair
- 7. FS Meeting
- Agenda
- 8. Faculty Senate Chair
- 9. Registrar
- 10. Kristy Giacomelli

Approval Path

- 01/31/18 5:06 pm
 Kristine Swenson
 (kswenson):
 Approved for
 RENGLISH Chair
- 02/01/18 8:21 am
 Brittany Parnell
 (ershenb):
 Approved for CCC
 Secretary
- 3. 02/02/18 11:43 am
 Petra Dewitt
 (dewittp): Approved
 for Arts &
 Humanities DSCC
 Chair
- 02/20/18 11:48 am
 Brittany Parnell
 (ershenb):
 Approved for
 Pending CCC
 Agenda post
- 03/12/18 9:22 am Brittany Parnell (ershenb): Approved for CCC Meeting Agenda
- 6. 03/12/18 9:42 am sraper: Approved for Campus Curricula Committee Chair

The purpose of this minor will be to supplement existing degree programs with the latest knowledge concerning social media. Objectives include training students to write for social media, brand and market products via social media, use social media to conduct user research, and create and manage social media sites such as user forums. "Technical communicators are uniquely suited to serve as community managers of companies' online help forums" (Jordan Frith, "Forum Moderation as Technical Communication: The Social Web and Employment Opportunities for Technical Communicators").

- 1. ENGL/TCH COM 3550 Writing for Social Media (new course--required)
- 2. TCH COM 3580 Business Communication (new course--required)
- 3. ENGL/TCH COM 2560 Technical Marketing Communication (existing course--required)
- 4. One of the Following: TCH COM 5560 Web-Based Communication, TCH COM 4520 Help Authoring, TCH COM 3440 Theory of Visual Technical Communication No new faculty will be required for this minor.

Justification for request

Technical communication students are routinely asked about their social media skills during job interviews. Because "social media is increasingly becoming a standard part of the technical communicator's toolkit" (Kirk St. Amant, "Reconsidering Social Media for Global Contexts"), students are anxious to acquire the latest theoretical and practical knowledge in this area. Other students, such as those majoring in business, IST, Ensligh, and the sciences, would also benefit from this minor. Almost every major company in the United States is now actively pursuing social media as a method for branding and building relationships with customers. Technical communicators are using it to connect with, and learn about, users of products and documents. Therefore, there is a high demand for employees with professional (rather than just casual) training in social media use.

Supporting Documents

Social Media Minor 12-21[2].doc business communication syllabus[1].docx Writing for Social Media SYLLABUS.docx New Courses[1].docx Course Reviewer Comments ershenb (02/01/18 8:18 am): .

Key: 258

New Experimental Course Proposal

Date Submitted: 02/01/18 1:02 pm

Viewing: HISTORY 2001.001: History of

Mexico

File: 4522

Last edit: 03/08/18 3:05 pm Changes proposed by: sfogg

Requested Fall 2018

Effective Change

Date

Department

History and Political Science

Discipline

History (HISTORY)

Course Number 2001

Topic ID 001

Experimental

Title

In Workflow

- 1. RHISTORY Chair
- 2. CCC Secretary
- 3. Arts &

Humanities DSCC

Chair

4. Pending CCC Agenda post

5. CCC Meeting Agenda

6. Campus Curricula Committee Chair

7. CAT entry

8. Registrar

Approval Path

1. 02/01/18 1:04 pm sfogg: Approved for RHISTORY

Chair

2. 02/01/18 2:10 pm Brittany Parnell

(ershenb):

Approved for CCC

Secretary

3. 02/02/18 11:41

am

Petra Dewitt

(dewittp):

Approved for Arts & Humanities

DSCC Chair

- 4. 02/20/18 11:47
 am
 Brittany Parnell
 (ershenb):
 Approved for
 Pending CCC
 Agenda post
- 5. 03/08/18 3:06 pm
 Brittany Parnell
 (ershenb):
 Approved for CCC
 Meeting Agenda
- 6. 03/08/18 4:44 pm sraper: Approved for Campus Curricula Committee Chair
- 7. 03/09/18 8:23 amMarita Tibbetts(tibbettsmg):Approved for CATentry

History of Mexico

Experimental History of Mexico

Abbreviated

Course Title
Instructors Rebecca Crosthwait

Experimental

Catalog

Description

Examination of social, cultural, economic, and political history of modern Mexico since independence. Special attention given to indigenous peoples; modernization; and Mexico's history of nation-building, protest, and revolution. Provides understanding of the particular relationships and interconnections Mexico has with the world and in particular, the U.S.

Prerequisites

One of either History 1100, 1200, 1300 or 1310.

Field Trip

Statement

Credit Hours

LEC: 3

LAB: 0

IND: 0

RSD: 0

Total: 3

Justification for

new course:

Need an upper-level replacement for an instructor that received a grant in January.

The course will add diversity to the offerings in the department.

Semester(s)

previously taught

Co-Listed

Courses:

Course Reviewer

Comments

ershenb (03/08/18 3:05 pm): added "One of" and removed repeating "History" out of prerequisite.

Key: 4522

	New Experimental Course Proposal	In Workflow					
Date Submitted: 02/02/18 1:33 pm Viewing: PET ENG 6001.009 : Applications of Data Analytics in Petroleum Engineering File: 4523 Last edit: 03/12/18 11:21 am							
					Changes proposed b		Agenda post 5. CCC Meeting
					Requested	Fall 2018	Agenda
					Effective Change Date		6. Campus Curricul Committee Chair
					Department	Geosciences and Geological and Petroleum Engineering	7. CAT entry 8. Registrar
Discipline	Petroleum Engineering (PET ENG)	Approval Path					
Course Number	6001	1. 02/02/18 2:13 pr					
Topic ID	009	David Borrok					
Experimental	Applications of Data Analytics in Petroleum Engineering	(borrokd):					
Title	Applications of Data Analytics in Certoleum Engineering	Approved for					
Experimental	Applic Data Analyt Pet E	RGEOSENG Chair 2. 02/02/18 3:52 pi					
Abbreviated		Brittany Parnell					
Course Title		(ershenb):					
Instructors	Mingzhen Wei	Approved for CC					
Experimental	Introduction to data analytics such as data quality mining, fundamental statistical	Secretary 3. 02/13/18 1:49 pr					
Catalog	analysis, artificial intelligent methods, goal identification and problem formulation,	sraper: Approved					
Description	data analytics methods and selection, and pattern/knowledge discovery.	for Engineering					
	Coursework will include petroleum engineering case studies, group/individual	DSCC Chair					
	projects and literature review.	4. 02/20/18 11:47 am					
Prerequisites	Graduate Standing.	Brittany Parnell					
Field Trip		(ershenb):					
Statement		Approved for					
Credit Hours	LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3	Pending CCC					
Justification for	Applications of data analytics are multiplying in oilfield operations. Pet Eng students	Agenda post 5. 03/12/18 11:21					
new course:	are taking lower level courses in business in data analytics, which we will still	am					
	encourage, but we wanted to offer an advanced class which is designed to focus on	Brittany Parnell					
	petroleum engineering applications.	(ershenb):					
Semester(s)	N/A	Approved for CC Meeting Agenda					
previously taught		6. 03/12/18 11:29					
Co-Listed Courses:		am					
COULSES.		sraper: Approved					
Course Reviewer	ershenb (03/12/18 11:21 am): Removed "Programming skills and consent of	for Campus Curricula					
Comments	instructor." and replaced with "Graduate Standing" in the prerequisites.	Committee Chair					
		7. 03/12/18 11:43					
		am					

Marita Tibbetts (tibbettsmg): Approved for CAT entry

	New	Experimer	ntal Course	Proposal		
Date Submitted: 01/16/18 5:31 pm						In Workflow
Viewing: PSYCH 3001.003 : Psychology of Human Sexuality File: 4511 Last edit: 03/08/18 3:12 pm					 RPSYCHOL Chair CCC Secretary Social Sciences DSCC Chair Pending CCC 	
Requested Effective Change Date Department Discipline Course Number	Fall 2018 Psychologica Psychology (3001					Agenda post 5. CCC Meeting Agenda 6. Campus Curricula Committee Chair 7. CAT entry 8. Registrar
Topic ID Experimental Title	003 Psychology o	of Human Sexua	lity			Approval Path 1. 01/17/18 9:02 am murray:
Experimental Abbreviated Course Title Instructors	Psych of Hui	man Sexuality ker				Approved for RPSYCHOL Chair 2. 01/22/18 1:53 pm Brittany Parnell (ershenb):
Experimental Catalog Description Explores research human sexuality gender roles, and key biological and behaviors, beliefs	Approved for CCC Secretary 3. 02/01/18 9:22 am Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair 4. 02/20/18 11:48					
Prerequisites Psych 1101.						am Brittany Parnell
Field Trip Statement						(ershenb): Approved for Pending CCC Agenda post
Credit Hours Justification for new course:	LEC: 3	LAB: 0	IND: 0	RSD: 0	Total: 3	5. 03/08/18 3:12 pm Brittany Parnell (ershenb):

The course materials will be a relevant and important elective to undergraduate students majoring in psychology (especially clinical psychology or neuroscience). The course may also be relevant to student majoring in biology and students from other disciplines may also benefit from taking this course as an elective.	Approved for CCC Meeting Agenda 6. 03/08/18 4:45 pm sraper: Approved
Semester(s) previously taught NA Co-Listed Courses:	for Campus Curricula Committee Chair 7. 03/09/18 8:21 am Marita Tibbetts (tibbettsmg):
Course Reviewer Comments ershenb (03/08/18 3:12 pm): Removed "instructor permission" from prerequisites	Approved for CAT entry

Key: 4511