



**Campus Curricula Committee Meeting Agenda**

**March 7, 2018**

**2:00-3:30 p.m., 216 Parker Hall**

**(For Faculty Senate Meeting of March 22, 2018)**

**Review of submitted Course Change forms:**

|              |  |
|--------------|--|
| 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: 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   |

**Review of submitted Degree Change forms:**

|            |   |
|------------|---|
| File: 84.7 | MATH-MST: Mathematics MST                   |
| File: 259  | PROPOSED: Game Studies (Minor)              |
| File: 258  | PROPOSED: Minor in Social Media in Industry |

**Review of submitted 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                             |



**Review of Tabled Items:**

File: 500.1

MIN ENG 5413: Material Processing by High Pressure Water Jet

File: 2019.1

MIN ENG 5422: Coal Preparation

Discussion from Kate Drowne for a proposal to implement graduate-level education courses through Project Lead The Way with a variable credit course.

# Course Change Request

## New Course Proposal

Date Submitted: 12/07/17 4:44 pm

Viewing: **BIO SCI 4373 : Stem Cell Biology**

File: 4506

Last edit: 12/08/17 9:32 am

Changes proposed by: niyogid

|                          |                               |
|--------------------------|-------------------------------|
| Requested                | Fall 2018                     |
| Effective Change Date    |                               |
| Department               | Biological Sciences           |
| Discipline               | Biological Sciences (BIO SCI) |
| Course Number            | 4373                          |
| Title                    | Stem Cell Biology             |
| Abbreviated Course Title | Stem Cell Biology             |

### In Workflow

1. **RBIOLSCI 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. CAT entry
11. Peoplesoft

### Catalog

#### Description

This course will cover the fast-moving field of stem cell biology. Topics include: development and organogenesis, regeneration and repair, stem cell types and sources, pluripotency and reprogramming, stem cells and cancer, therapeutics, and ethics.

#### Prerequisites

Bio Sci 2213.

#### Field Trip

#### Statement

NA

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

Required for Majors No

Elective for Majors Yes

### Approval Path

1. 12/08/17 7:13 am David Duvernell (duverneld): Approved for RBIOLSCI Chair
2. 12/08/17 9:21 am Brittany Parnell (ershenb): Approved for CCC Secretary
3. 01/31/18 9:25 am Katie Shannon (shannonk): Approved for Sciences DSCC Chair
4. 02/20/18 11:42 am Brittany Parnell (ershenb): Approved for

### Justification for new course:

This class has been offered twice as an experimental class (BioSci 5001). We are offering this topic as 4000 and 6000 options for its permanent listings in the catalog.

Semesters  
previously  
offered as an  
experimental  
course

Fall 2015, Fall 2017  
Fall 2015 enrollment- 12  
Fall 2017 enrollment- 12

Pending CCC  
Agenda post

Co-Listed  
Courses:

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Course Reviewer  
Comments

Key: 4506

[Preview Bridge](#)



## Course Change Request

### New Course Proposal

Date Submitted: 12/07/17 3:52 pm

Viewing: **BIO SCI 5343 : Biology of Aging**

File: 4505

Last edit: 12/08/17 9:31 am

Changes proposed by: niyogid

|                          |                               |
|--------------------------|-------------------------------|
| Requested                | Fall 2018                     |
| Effective Change Date    |                               |
| Department               | Biological Sciences           |
| Discipline               | Biological Sciences (BIO SCI) |
| Course Number            | 5343                          |
| Title                    | Biology of Aging              |
| Abbreviated Course Title | Biology of Aging              |

#### In Workflow

1. **RBIOLSCI 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. CAT entry
11. Peoplesoft

|                      |  |        |        |        |          |
|----------------------|--|--------|--------|--------|----------|
| Catalog Description  | We will discuss the proximate and ultimate mechanisms of aging, and review a few leading theories of aging with the emphases on oxidative stress and life history tradeoffs. We will take the comparative approach to study aging across species, and the interventions that extend animals' lifespan, and explore why they may or may not work on humans. |        |        |        |          |
| Prerequisites        | Bio Sci 2213.  |        |        |        |          |
| Field Trip Statement | NA   |        |        |        |          |
| Credit Hours         | LEC: 3   | LAB: 0 | IND: 0 | RSD: 0 | Total: 3 |
| Required for Majors  | No   |        |        |        |          |
| Elective for Majors  | Yes  |        |        |        |          |

#### Approval Path

1. 12/08/17 7:14 am  
David Duvernell (duverneld):  
Approved for  
RBIOLSCI Chair
2. 12/08/17 9:31 am  
Brittany Parnell (ershenb):  
Approved for CCC  
Secretary
3. 01/31/18 9:25 am  
Katie Shannon (shannonk):  
Approved for  
Sciences DSCC  
Chair
4. 02/20/18 11:42 am  
Brittany Parnell (ershenb):  
Approved for  
Pending CCC  
Agenda post

Justification for new course: 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

Key: 4505

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 12/07/17 4:47 pm

Viewing: **BIO SCI 6373 : Advanced Stem Cell Biology**

File: 4507

Last edit: 12/08/17 9:39 am

Changes proposed by: niyogid

|                          |                               |
|--------------------------|-------------------------------|
| Requested                | Fall 2018                     |
| Effective Change Date    |                               |
| Department               | Biological Sciences           |
| Discipline               | Biological Sciences (BIO SCI) |
| Course Number            | 6373                          |
| Title                    | Advanced Stem Cell Biology    |
| Abbreviated Course Title | Adv Stem Cell Bio             |

#### In Workflow

1. **RBIOLSCI 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. CAT entry
11. Peoplesoft

|                      |  |        |        |        |          |
|----------------------|--|--------|--------|--------|----------|
| Catalog Description  | This course will cover the fast-moving field of stem cell biology. Topics include: development and organogenesis, regeneration and repair, stem cell types and sources, pluripotency and reprogramming, stem cells and cancer, therapeutics, and ethics. Research proposal and additional readings required for graduate credit. |        |        |        |          |
| Prerequisites        | Graduate standing.   |        |        |        |          |
| Field Trip Statement | NA   |        |        |        |          |
| Credit Hours         | LEC: 3   | LAB: 0 | IND: 0 | RSD: 0 | Total: 3 |
| Required for Majors  | No   |        |        |        |          |
| Elective for Majors  | Yes  |        |        |        |          |

#### Approval Path

1. 12/08/17 7:15 am  
David Duvernell (duverneld):  
Approved for RBIOLSCI Chair
2. 12/08/17 9:39 am  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 01/31/18 9:25 am  
Katie Shannon (shannonk):  
Approved for Sciences DSCC Chair
4. 02/20/18 11:42 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

|  |   |  |  |  |  |
|--|---|--|--|--|--|
| Justification for new course:                          | This class has been taught twice as an experimental class as BioSci 5001. We now wish to include a graduate section at the 6000 level for our MS students in Applied and Environmental Biology. |  |  |  |  |
| Semesters previously offered as an experimental course | Fall 2015, Fall 2017.<br>Fall 2015 enrollment- 12<br>Fall 2017 enrollment- 12   |  |  |  |  |
| Co-Listed Courses:                                     |   |  |  |  |  |

Course Reviewer  
Comments

Key: 4507

[Preview Bridges](#)

## Course Change Request

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 <del>2017</del> <b>2018</b>  |
| Effective Change Date    |   |
| Department               | Arts, Languages, & Philosophy   |
| Discipline               | Education (EDUC)  |
| Course Number            | <del>3203</del> <b>2203</b>   |
| Title                    | <b>Introduction to STEM Education</b> <del>Problems Of Teaching Mathematics</del> |
| Abbreviated Course Title | <b>Intro to STEM Education</b><br><del>Probs Of Teaching Math</del>               |

- 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. <b>Students are introduced to a variety of instructional programs including Project Lead the Way.</b>   |        |        |        |          |
| Prerequisites  |  |        |        |        |          |
| Field Trip Statement                                   |  |        |        |        |          |
| Credit Hours   | LEC: 3   | LAB: 0 | IND: 0 | RSD: 0 | Total: 3 |
| Required for Majors                                    | <b>Yes</b> <del>No</del>   |        |        |        |          |
| Elective for Majors                                    | No   |        |        |        |          |
| Justification for change:                              | <p>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. Change to 3xxx to be consistent with other required courses -- really at this level. Was taught in Sp16 &amp; Sp18 as 2203.</p> |        |        |        |          |
| Semesters previously offered as an experimental course |  |        |        |        |          |
| Co-Listed Courses:                                     |  |        |        |        |          |

- 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):  
Approved for Pending CCC Agenda post

|                          |  |
|--------------------------|--|
| Course Reviewer Comments | History  |
|                          | <ol style="list-style-type: none"> <li>1. Mar 6, 2017 by dewittp (2494.1)</li> </ol> |

Key: 2494

[Preview Bridge](#)



## Course Change Request

### New Course Proposal

Date Submitted: 01/31/18 2:46 pm

Viewing: **EDUC 3220 : Teaching Science in the Elementary Classroom**

File: 4517

Last edit: 02/01/18 1:08 pm

Changes proposed by: schwartzem

|                          |  |
|--------------------------|--|
| Requested                | Fall 2018                                    |
| Effective Change Date    |  |
| Department               | Arts, Languages, & Philosophy                |
| Discipline               | Education (EDUC)                             |
| Course Number            | 3220   |
| Title                    | Teaching Science in the Elementary Classroom |
| Abbreviated Course Title | Teaching Science                             |

Catalog Description: A study in methods and materials for teaching science. This course will cultivate students' understanding of Science, Technology, Engineering and Mathematics (STEM) education with a focus on implications for teaching and learning.

Prerequisites

Field Trip Statement

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

Required for Majors: Yes

Elective for Majors: No

Justification for new course: Seeking a new permanent number

Semesters previously offered as an experimental course: Fall 2015, Fall 2017

Fall 2015 enrollment- 10  
Fall 2017 enrollment- 15

Co-Listed Courses:

Course Reviewer Comments

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

Approval Path

1. 02/01/18 11:01 am  
Kelly Carter (carterke):  
Approved for EDUC Chair
2. 02/01/18 1:31 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):  
Approved for Pending CCC Agenda post

Key: 4517

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 01/31/18 2:59 pm

Viewing: **EDUC 3430 : Literature for Children**

File: 4519

Last edit: 02/01/18 1:43 pm

Changes proposed by: schwartzem

|                          |                               |
|--------------------------|-------------------------------|
| Requested                | Fall 2018                     |
| Effective Change Date    |                               |
| Department               | Arts, Languages, & Philosophy |
| Discipline               | Education (EDUC)              |
| Course Number            | 3430                          |
| Title                    | Literature for Children       |
| Abbreviated Course Title | Literature for Children       |

Catalog Description: A study of children's literary works, authors, genres, and illustrators appropriate for the elementary classroom.

Prerequisites

Field Trip Statement

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

Required for Majors: Yes

Elective for Majors: No

Justification for new course: Seeking a new permanent number.

Semesters previously offered as an experimental course: Spring 2016, Spring 2018

Spring 2016 enrollment -11  
Spring 2018 enrollment - 9

Co-Listed Courses:

Course Reviewer Comments

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

Approval Path

1. 02/01/18 11:01 am  
Kelly Carter (carterke):  
Approved for EDUC Chair
2. 02/01/18 1:43 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):  
Approved for Pending CCC Agenda post

Key: 4519

[Preview Bridge](#)

## Course Change Request

### 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 Course Title | Teaching Social Studies   |

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 | RSD: 0 | Total: 3 |
| Required for Majors  | Yes  |        |        |        |          |
| Elective for Majors  | No   |        |        |        |          |

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):  
Approved for Pending CCC Agenda post

Justification for new course: Seeking a new permanent number.

|  |  |
|--|--|
| Semesters previously offered as an experimental course | Spring 2016<br>Spring 2018<br><br>Spring 2016 enrollment- 11<br>Spring 2018 enrollment- 12 |
|--|--|

Co-Listed Courses:

Course Reviewer Comments

Key: 4518

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 02/16/18 8:34 am

Viewing: **EDUC 5100 : PLTW Training**

File: 4527

Last edit: 02/21/18 2:01 pm

Changes proposed by: kdrowne

|                          |                               |
|--------------------------|-------------------------------|
| Requested                | Summer 2018                   |
| Effective Change Date    |                               |
| Department               | History and Political Science |
| Discipline               | Education (EDUC)              |
| Course Number            | 5100                          |
| Title                    | PLTW Training                 |
| Abbreviated Course Title | PLTW Training                 |

#### 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: This graduate-level Project Lead the Way course prepares K-12 educators to become more effective teachers of STEM-focused material.

Prerequisites

Field Trip Statement

Credit Hours: LEC: 1-4    LAB: 0    IND: 0    RSD: 0    Total: 1-4

Required for Majors: No

Elective for Majors: Yes

#### Approval Path

1. 02/19/18 8:47 am  
sfogg: Approved for RHISTORY Chair
2. 02/20/18 11:16 am  
Kelly Carter (carterke): Approved for EDUC Chair
3. 02/21/18 1:13 pm  
Brittany Parnell (ershenb): Approved for CCC Secretary
4. 02/21/18 3:09 pm  
Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair
5. 02/21/18 3:41 pm  
Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

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, including STEM Instruction for grades K-12, emphasizing the areas of Biomedical Science, Computer Science, and Engineering. Students will be able to sign up for the appropriate course when they enroll online. This repeatable course with variable credit is a preferable alternative to listing 26 possible PLTW graduate courses in our catalog.

Please note that this course will be housed in the Department of Teacher Education and Certification (not the Department of History and Political Science).

This variable credit course is set up like a Special Topics course, but it is independent of Special Topics courses for the purposes of PLTW.

Semesters previously offered as an experimental course: These PLTW training courses have been taught regularly on our campus for more than ten years.



Co-Listed

Courses:

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Course Reviewer

Comments

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Key: 4527

[Preview Bridge](#)

## Course Change Request

Date Submitted: 02/14/18 4:35 pm

Viewing: **EDUC 5370** ~~4370~~: **Teachers Academy: Effective Instructional Strategies**

File: 2328.1

Last edit: 02/21/18 2:02 pm

Changes proposed by: carterke

|                          |  |
|--------------------------|--|
| Requested                | <b>Fall 2018</b> <del>08/01/2014</del>               |
| Effective Change Date    |  |
| Department               | Arts, Languages, & Philosophy                        |
| Discipline               | Education (EDUC)                                     |
| Course Number            | <b>5370</b> <del>4370</del>                          |
| Title                    | Teachers Academy: Effective Instructional Strategies |
| Abbreviated Course Title | Teachers Academy                                     |

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  | 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. |        |        |        |          |
| Prerequisites        | Graduate standing.  |        |        |        |          |
| Field Trip Statement |   |        |        |        |          |
| Credit Hours         | LEC: 3  | LAB: 0 | IND: 0 | RSD: 0 | Total: 3 |
| Required for Majors  | No  |        |        |        |          |
| Elective for Majors  | <b>Yes</b> <del>No</del>  |        |        |        |          |

Approval Path

1. 02/15/18 4:39 pm Kelly Carter (carterke): Approved for EDUC Chair
2. 02/16/18 8:42 am Brittany Parnell (ershenb): Approved for CCC Secretary
3. 02/21/18 3:09 pm Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair
4. 02/21/18 3:40 pm Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

|  |  |
|--|--|
| 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. |
| Semesters previously offered as an experimental course |  |
| Co-Listed Courses:                                     |  |

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. )

Key: 2328

[Preview Bridges](#)

## Course Change Request

### New Course Proposal

Date Submitted: 01/17/18 12:54 pm

Viewing: **ELEC ENG 5680 : Introduction to Radar Systems**

File: 4512

Last edit: 01/23/18 2:40 pm

Changes proposed by: sweetk

|                          |                                     |
|--------------------------|-------------------------------------|
| Requested                | Fall 2018                           |
| Effective Change Date    |                                     |
| Department               | Electrical and Computer Engineering |
| Discipline               | Electrical Engineering (ELEC ENG)   |
| Course Number            | 5680                                |
| Title                    | Introduction to Radar Systems       |
| Abbreviated Course Title | Intro to Radar Systems              |

In Workflow

1. RELECENG Chair
2. CCC Secretary
3. Engineering 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 objective of this course is to introduce senior and graduate students to various radar system principles, designs and applications (e.g., pulse, frequency-modulated, chirp, Doppler radars). Topics related to signals, systems, noise, resolution, multiple sampling, different imaging modalities, and remote sensing will also be discussed. |        |        |        |          |
| Prerequisites        | EE 3400 and EE 3600.   |        |        |        |          |
| Field Trip Statement |  |        |        |        |          |
| Credit Hours         | LEC: 3   | LAB: 0 | IND: 0 | RSD: 0 | Total: 3 |
| Required for Majors  | No   |        |        |        |          |
| Elective for Majors  | Yes  |        |        |        |          |

Approval Path

1. 01/19/18 5:46 pm  
Daryl Beetner (daryl): Approved for RELECENG Chair
2. 01/22/18 3:28 pm  
Brittany Parnell (ershenb): Approved for CCC Secretary
3. 01/31/18 2:59 pm  
sraper: Approved for Engineering DSCC Chair
4. 02/20/18 11:42 am  
Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

Justification for new course: We have a strong electromagnetic, signal and image processing core competency both in the type of courses we offer and the research that we conduct in the department. Many of our students perform Co-Op and Internships at institutions such as Sandia National Lab., and are hired by companies and government organizations that are involved in radar R&D. Consequently, this course will not only benefit the students in being prepared for such engagements but also gives them an advantage over those without having had this background when they apply for their career positions.

|  |  |
|--|--|
| Semesters previously offered as an experimental course | Spring 2013, Fall 2017<br><br>Spring 13 enrollment- 8<br>Fall 17 enrollment- 7 |
| Co-Listed Courses:                                     |  |

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

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Key: 4512

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 02/11/18 3:42 pm

Viewing: **ENGLISH 3590 : Game Studies**

File: 4526

Last edit: 02/12/18 11:05 am

Changes proposed by: kswenson

|                          |                                     |
|--------------------------|-------------------------------------|
| Requested                | Fall 2018                           |
| Effective Change Date    |                                     |
| Department               | English and Technical Communication |
| Discipline               | English (ENGLISH)                   |
| Course Number            | 3590                                |
| Title                    | Game Studies                        |
| Abbreviated Course Title | Game Studies                        |

Catalog Description: An introduction to the study of games with an emphasis on their pedagogical and communicative uses. May cover topics such as game theory and design, gamification of classroom or workplace activities, game genres, and writing game narratives.

Prerequisites: One semester of literature or composition.

Field Trip Statement

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

Required for Majors: No

Elective for Majors: Yes

Justification for new course: Required for new minor in Game Studies. (See DC form/proposal which also contains syllabus for Games Studies.)

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 offer 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.

Semesters previously offered as an experimental course: N/A

Co-Listed Courses: TCH COM 3590 - **Course Not Found**

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. CAT entry
11. Peoplesoft

Approval Path

1. 02/11/18 3:43 pm  
Kristine Swenson (kswenson):  
Approved for RENGLISH Chair
2. 02/12/18 1:56 pm  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 02/12/18 3:16 pm  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 02/20/18 11:42 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Course Reviewer  
Comments

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Key: 4526

[Preview Bridge](#)

## Course Change Request

Date Submitted: 01/12/18 4:35 pm

Viewing: **GEOLOGY 3631 : Systematic Paleontology**

File: 1211.6

Last approved: 06/27/16 3:12 am

Last edit: 01/31/18 9:26 am

Changes proposed by: ikuenobe

|                                       |  |   |
|---------------------------------------|--|---|
| Programs referencing this course      | <a href="#">GL&amp;GPH-BS: Geology and Geophysics BS</a>   | In Workflow<br><b>1. RGEOSENG Chair</b><br><b>2. CCC Secretary</b><br><b>3. Sciences DSCC Chair</b><br><b>4. Pending CCC Agenda post</b><br><b>5. CCC Meeting Agenda</b><br>6. Campus Curricula Committee Chair<br>7. FS Meeting Agenda<br>8. Faculty Senate Chair<br>9. Registrar<br>10. CAT entry<br>11. Peoplesoft                             |
| Other Courses referencing this course | In The Prerequisites:<br><a href="#">GEOLOGY 5741 : Micropaleontology</a><br><a href="#">GEOLOGY 6611 : Advanced Palynology</a>  |   |
| Requested Effective Change Date       | Fall <b>2018</b> <del>2016</del>   | Approval Path<br>1. 01/14/18 9:33 am David Borrok (borrokd): Approved for RGEOSENG Chair<br>2. 01/22/18 2:26 pm Brittany Parnell (ershenb): Approved for CCC Secretary<br>3. 01/31/18 9:26 am Katie Shannon (shannonk): Approved for Sciences DSCC Chair<br>4. 02/20/18 11:43 am Brittany Parnell (ershenb): Approved for Pending CCC Agenda post |
| Department                            | Geosciences and Geological and Petroleum Engineering   |   |
| Discipline                            | Geology (GEOLOGY)  |   |
| Course Number                         | 3631   |   |
| Title                                 | Systematic Paleontology  |   |
| Abbreviated Course Title              | Systematic Paleontology  |   |
| Catalog Description                   | <b>Provide understanding of <del>Introduction to</del> paleontological principles, morphological concepts, evolution of life, biostratigraphy, paleoenvironments, and applications/uses of fossils. <del>the study of fossil invertebrates, microfossils, plants and palynology.</del> Chronicles evolution and classification of microfossils, invertebrates, plants and palynomorphs. Emphasis on writing and oral skills. A compulsory field trip to The Field Museum (Chicago) may be at student expense. Emphasis of the course is on fossil morphology, classification, and environmental relationships.</b> |   |
| Prerequisites                         | Geology 1110 or Geology 1120 or Bio Sci 1113.  |   |
| Field Trip Statement                  |  |   |
| Credit Hours                          | LEC: 2      LAB: 1      IND: 0      RSD: 0      Total: 3   |   |
| Required for Majors                   | No   |   |
| Elective for Majors                   | <b>Yes</b> <del>No</del>   |   |
| Justification for change:             | Catalog description updated to include field trip statement and reflect changes due to the addition of a distance section (beginning fall 2018)  | History<br>1. Jun 27, 2016 by ikuenobe (1211.1)   |
| Semesters previously                  |  |   |

offered as an  
experimental  
course

Co-Listed

Courses:

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Course Reviewer **ershenb (01/22/18 2:24 pm)**: moved Field Trip statement up to the Catalog

Comments Description.

**ershenb (01/22/18 2:25 pm)**: updated Start Term to Fall 2018.

Key: 1211

[Preview Bridges](#)



## Course Change Request

Date Submitted: 01/12/18 4:13 pm

Viewing: **GEOLOGY 6611 : Advanced Palynology**

File: 1126.1

Last edit: 01/31/18 9:26 am

Changes proposed by: ikuenobe

|                          |  |
|--------------------------|--|
| Requested                | <b>Fall 2018</b> <del>08/01/2014</del>               |
| Effective Change Date    |  |
| Department               | Geosciences and Geological and Petroleum Engineering |
| Discipline               | Geology (GEOLOGY)                                    |
| Course Number            | 6611   |
| Title                    | Advanced Palynology                                  |
| Abbreviated Course Title | Advanced Palynology                                  |

|                     |   |
|---------------------|---|
| Catalog Description | Study of <b>organic-walled microfossils, and</b> the processes of sporopollenin preservation, sedimentation <del>and and</del> palynofacies. <b>Chronicle of Phanerozoic Phaneozoic palynology in lectures.</b> Major emphasis on independent palynostratigraphic <b>research and applications, such as biostratigraphy, paleoclimatology and paleoenvironments.</b> <del>research. Chronicle of Phaneozoic palynology in lectures.</del> |
|---------------------|---|

|               |   |
|---------------|---|
| Prerequisites | Geology 3631 or <b>Geology 5741.</b> <del>4641.</del> |
|---------------|---|

Field Trip Statement

|              |        |        |        |        |          |
|--------------|--------|--------|--------|--------|----------|
| Credit Hours | LEC: 1 | LAB: 2 | IND: 0 | RSD: 0 | Total: 3 |
|--------------|--------|--------|--------|--------|----------|

|                     |    |
|---------------------|----|
| Required for Majors | No |
|---------------------|----|

|                     |                          |
|---------------------|--------------------------|
| Elective for Majors | <b>Yes</b> <del>No</del> |
|---------------------|--------------------------|

|                           |   |
|---------------------------|---|
| Justification for change: | 1. One pre-requisite, Micropaleontology, has been renumbered to 5741.<br>2. Catalog description updated to reflect current advances in the field. |
|---------------------------|---|

Semesters previously offered as an experimental course

Co-Listed Courses:

In Workflow

1. **RGEOSENG 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. CAT entry
11. Peoplesoft

Approval Path

1. 01/12/18 4:25 pm  
David Borrok (borrokd):  
Approved for RGEOSENG Chair
2. 01/22/18 1:55 pm  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 01/31/18 9:27 am  
Katie Shannon (shannonk):  
Approved for Sciences DSCC Chair
4. 02/20/18 11:47 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Course Reviewer Comments

Key: 1126

[Preview Bridges](#)

## Course Change Request

Date Submitted: 12/07/17 5:45 pm

Viewing: **MATH 6417 : Functional Analysis I**

File: 1498.1

Last edit: 01/31/18 2:17 pm

Changes proposed by: prunnion

|  |   |
|--|---|
| <p>Other Courses referencing this course</p> <p>In The Prerequisites:<br/> <a href="#">MATH 6375 : Theory Of Partial Differential Equations</a></p>  | <p>In Workflow</p> <ol style="list-style-type: none"> <li>1. <b>RMATHEMA Chair</b></li> <li>2. <b>CCC Secretary</b></li> <li>3. <b>Sciences DSCC Chair</b></li> <li>4. <b>Pending CCC Agenda post</b></li> <li>5. <b>CCC Meeting Agenda</b></li> <li>6. Campus Curricula Committee Chair</li> <li>7. FS Meeting Agenda</li> <li>8. Faculty Senate Chair</li> <li>9. Registrar</li> <li>10. CAT entry</li> <li>11. Peoplesoft</li> </ol> |
| <p>Requested Effective Change Date</p> <p>Department: Mathematics &amp; Statistics</p> <p>Discipline: Mathematics (MATH)</p> <p>Course Number: 6417</p> <p>Title: Functional Analysis I</p> <p>Abbreviated Course Title: Functional Analysis I</p> | <p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 01/08/18 3:37 pm sclark: Approved for RMATHEMA Chair</li> <li>2. 01/11/18 9:12 am Brittany Parnell (ershenb): Approved for CCC Secretary</li> <li>3. 01/31/18 2:17 pm Katie Shannon (shannonk): Approved for Sciences DSCC Chair</li> <li>4. 02/20/18 11:47 am Brittany Parnell (ershenb): Approved for Pending CCC Agenda post</li> </ol>                               |
| <p>Catalog Description</p> <p>Prerequisites</p> <p>Field Trip Statement</p> <p>Credit Hours: LEC: 3    LAB: 0    IND: 0    RSD: 0    Total: 3</p> <p>Required for Majors: No</p> <p>Elective for Majors: <b>Yes</b> <del>No</del></p>              | <p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 01/08/18 3:37 pm sclark: Approved for RMATHEMA Chair</li> <li>2. 01/11/18 9:12 am Brittany Parnell (ershenb): Approved for CCC Secretary</li> <li>3. 01/31/18 2:17 pm Katie Shannon (shannonk): Approved for Sciences DSCC Chair</li> <li>4. 02/20/18 11:47 am Brittany Parnell (ershenb): Approved for Pending CCC Agenda post</li> </ol>                               |
| <p>Justification for change:</p> <p>Semesters previously offered as an experimental course</p> <p>Co-Listed Courses:</p>   | <p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 01/08/18 3:37 pm sclark: Approved for RMATHEMA Chair</li> <li>2. 01/11/18 9:12 am Brittany Parnell (ershenb): Approved for CCC Secretary</li> <li>3. 01/31/18 2:17 pm Katie Shannon (shannonk): Approved for Sciences DSCC Chair</li> <li>4. 02/20/18 11:47 am Brittany Parnell (ershenb): Approved for Pending CCC Agenda post</li> </ol>                               |
| <p>Course Reviewer Comments</p>  |   |

Key: 1498

[Preview Bridge](#)

## Course Change Request

Date Submitted: 01/08/18 3:33 pm

Viewing: **MATH 6418 : Functional Analysis II**

File: 1494.1

Last edit: 01/31/18 2:17 pm

Changes proposed by: prunnion

Requested **Fall 2018** ~~08/01/2014~~  
 Effective Change Date  
 Department Mathematics & Statistics  
 Discipline Mathematics (MATH)  
 Course Number 6418  
 Title Functional Analysis II  
 Abbreviated Course Title Functional Analysis II

Catalog Description **A continuation of Math 6417 with additional topics related to bounded and unbounded operators and their applications. ~~Spectral analysis of linear operators, spectral theorems, selected applications, an introduction to the theory of topological linear spaces, and papers from the recent literature.~~**  
 Prerequisites Math 6215 and **Math** 6417.  
 Field Trip Statement  
 Credit Hours LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3  
 Required for Majors No  
 Elective for Majors **Yes** ~~No~~

Justification for change: The catalog description is being updated according to current trends in functional analysis and faculty research interests.  
 Semesters previously offered as an experimental course  
 Co-Listed Courses:

Course Reviewer Comments **shannonk (09/27/17 9:41 am)**: Rollback: Only special topics and seminar courses may be repeated for credit. The committee is concerned that this course description does not contain language preventing students from getting credit for identical content  
**kristyg (01/08/18 3:30 pm)**: Rollback: Rollback per conversation with Paul Runnion.

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. CAT entry
11. Peoplesoft

Approval Path

1. 09/07/17 1:22 pm  
sclark: Approved for RMATHEMA Chair
2. 09/08/17 10:20 am  
Brittany Parnell (ershenb): Approved for CCC Secretary
3. 09/27/17 9:41 am  
Katie Shannon (shannonk): Rollback to RMATHEMA Chair for Sciences DSCC Chair
4. 01/08/18 3:30 pm  
Kristy Giacomelli (kristyg): Rollback to Initiator
5. 01/08/18 3:37 pm  
sclark: Approved for RMATHEMA Chair
6. 01/11/18 9:13 am  
Brittany Parnell (ershenb):

Key: 1494

- 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

[Preview Bridge](#)

## Course Change Request

Date Submitted: 01/31/18 10:28 am

Viewing: **MET ENG 5480 : Refining Of Metals**

File: 2364.1

Last edit: 02/01/18 9:38 am

Changes proposed by: smiller

|                          |  |
|--------------------------|--|
| Requested                | <b>Fall 2018</b> <del>08/01/2014</del> |
| Effective Change Date    |  |
| Department               | Materials Science & Engineering        |
| Discipline               | Metallurgical Engineering (MET ENG)    |
| Course Number            | 5480                                   |
| Title                    | Refining Of Metals                     |
| Abbreviated Course Title | Refining Of Metals                     |

Catalog

Description

Principles and applications of **refined metal production by electrochemical methods.** ~~thermochemistry, phase equilibria, and kinetics as applied to the refining of metals and alloys.~~ **The course will address basic copper and zinc processing, electrometallurgy, anodes and anodic processes, cathode deposit control and contamination mechanisms, Faraday's Law and current efficiency, and current state of practice.** ~~Theory of dilute solutions, interaction coefficients and reactions of metals with gases and slags. Analysis and design of refining processes. Optional third credit hour requires a term paper.~~

Prerequisites

**Cer Eng 3230 and Met Eng 3220** ~~4350~~ or **graduate standing.** ~~Cer Eng 3230.~~

Field Trip

Statement

|              |                 |        |        |        |                     |
|--------------|-----------------|--------|--------|--------|---------------------|
| Credit Hours | LEC: <b>3 0</b> | LAB: 0 | IND: 0 | RSD: 0 | Total: <b>3 2-3</b> |
|--------------|-----------------|--------|--------|--------|---------------------|

Required for Majors

No

Elective for Majors

**Yes** ~~No~~

Justification for change:

In Workflow

- 1. RMATSENG Chair**
- 2. CCC Secretary**
- 3. Engineering 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

Approval Path

1. 01/31/18 10:36 am  
Greg Hilmas (ghilmas):  
Approved for RMATSENG Chair
2. 01/31/18 10:50 am  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 02/13/18 1:49 pm  
srafer: Approved for Engineering DSCC Chair
4. 02/20/18 11:47 am  
Brittany Parnell (ershenb):  
Approved for

change from independent study to lecture format, update course description.

Pending CCC  
Agenda post

Semesters  
previously  
offered as an  
experimental  
course

Co-Listed  
Courses:

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Course Reviewer  
Comments

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Key: 2364

[Preview Bridge](#)

## Course Change Request

A deleted record cannot be edited

### Course Deactivation Proposal

Date Submitted: 02/05/18 10:05 am

Viewing: **MIN ENG 4413 : Material Processing By High-Pressure Water Jet**

File: 1702.1

Last edit: 02/05/18 10:08 am

Changes proposed by: cifarellit

|  |  |   |
|--|--|---|
| Other Courses referencing this course                  | In The Catalog Description:<br><a href="#">MECH ENG 5606 : Material Processing By High-Pressure Water Jet</a>  | In Workflow<br>1. <b>RMINNUCL Chair</b><br>2. <b>CCC Secretary</b><br>3. <b>Engineering DSCC Chair</b><br>4. <b>Pending CCC Agenda post</b><br>5. <b>CCC Meeting Agenda</b>   |
| Requested Effective Change Date                        | <b>Fall 2017</b> <del>08/01/2014</del>   | 6. Campus Curricula Committee Chair<br>7. FS Meeting Agenda<br>8. Faculty Senate Chair<br>9. Registrar<br>10. CAT entry<br>11. Peoplesoft   |
| Department   | Mining & Nuclear Engineering   | Approval Path<br>1. 02/05/18 10:09 am<br>Braden lusk (blusk): Approved for RMINNUCL Chair<br>2. 02/05/18 10:20 am<br>Brittany Parnell (ershenb): Approved for CCC Secretary<br>3. 02/13/18 1:48 pm<br>sraper: Approved for Engineering DSCC Chair<br>4. 02/20/18 11:47 am<br>Brittany Parnell (ershenb): Approved for Pending CCC Agenda post |
| Discipline   | Mining Engineering (MIN ENG)   |   |
| Course Number  | 4413   |   |
| Title  | Material Processing By High-Pressure Water Jet   |   |
| Abbreviated Course Title                               | Mtl Proc Hghpres Wtr Jet   |   |
| 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. |   |
| Prerequisites  |  |   |
| Field Trip Statement                                   |  |   |
| Credit Hours   | LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3   |   |
| Required for Majors                                    | No   |   |
| Elective for Majors                                    | No   |   |
| Justification for change:                              | Delete 4000 level undergrad courses and teach at a 5000 level. will replace this course in the curriculum with 5413.   |   |
| Semesters previously offered as an experimental course |  |   |
| Co-Listed Courses:                                     | MECH ENG 5606 - Material Processing By High-Pressure Water Jet   |   |

Course Reviewer  
Comments



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Key: 1702

[Preview Bridge](#)

# Course Change Request

A deleted record cannot be edited

## Course Deactivation Proposal

Date Submitted: 02/05/18 10:06 am

Viewing: **MIN ENG 4422 : Coal Preparation**

File: 2362.1

Last edit: 02/05/18 10:09 am

Changes proposed by: cifarellit

|   |  |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
|---|--|--------|--------|--------|----------|----------|---------------------|----|--|--|--|--|---------------------|----|--|--|--|--|--|
| <p>Programs <a href="#">MNRL PR-MI: Mineral Process Eng Minor</a> referencing this course</p>   | <p>In Workflow</p> <ol style="list-style-type: none"> <li>1. <b>RMINNUCL Chair</b></li> <li>2. <b>CCC Secretary</b></li> <li>3. <b>Engineering DSCC Chair</b></li> <li>4. <b>Pending CCC Agenda post</b></li> <li>5. <b>CCC Meeting Agenda</b></li> <li>6. Campus Curricula Committee Chair</li> <li>7. FS Meeting Agenda</li> <li>8. Faculty Senate Chair</li> <li>9. Registrar</li> <li>10. CAT entry</li> <li>11. Peoplesoft</li> </ol> |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
| <p>Requested Effective Change Date <b>Fall 2017</b> <del>08/01/2014</del></p> <p>Department Mining &amp; Nuclear Engineering</p> <p>Discipline Mining Engineering (MIN ENG)</p> <p>Course Number 4422</p> <p>Title Coal Preparation</p> <p>Abbreviated Course Title Coal Preparation</p>  | <p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 02/05/18 10:09 am<br/>Braden lusk (blusk): Approved for RMINNUCL Chair</li> <li>2. 02/05/18 10:20 am<br/>Brittany Parnell (ershenb): Approved for CCC Secretary</li> <li>3. 02/13/18 1:48 pm<br/>srafer: Approved for Engineering DSCC Chair</li> <li>4. 02/20/18 11:47 am<br/>Brittany Parnell (ershenb):</li> </ol>   |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
| <p>Catalog Description<br/>Coal properties, sampling, testing, breaking, sizing, cleaning and dewatering. Disposal of refuse.</p> <p>Prerequisites<br/>Min Eng 3412 and senior standing.</p> <p>Field Trip Statement</p>  |  |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Credit Hours</td> <td style="width: 15%;">LEC: 2</td> <td style="width: 15%;">LAB: 1</td> <td style="width: 15%;">IND: 0</td> <td style="width: 15%;">RSD: 0</td> <td style="width: 15%;">Total: 3</td> </tr> <tr> <td>Required for Majors</td> <td colspan="5">No</td> </tr> <tr> <td>Elective for Majors</td> <td colspan="5">No</td> </tr> </table> | Credit Hours   | LEC: 2 | LAB: 1 | IND: 0 | RSD: 0   | Total: 3 | Required for Majors | No |  |  |  |  | Elective for Majors | No |  |  |  |  |  |
| Credit Hours  | LEC: 2   | LAB: 1 | IND: 0 | RSD: 0 | Total: 3 |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
| Required for Majors   | No   |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |
| Elective for Majors   | No   |        |        |        |          |          |                     |    |  |  |  |  |                     |    |  |  |  |  |  |

Justification for  
change:

Delete this 4000 level course and replace with 5000 level in the curriculum. This will  
be replaced with 5422.

Approved for  
Pending CCC  
Agenda post

Semesters  
previously  
offered as an  
experimental  
course

Co-Listed  
Courses:

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Course Reviewer  
Comments

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Key: 2362

[Preview Bridge](#)

## Course Change Request

## New Course Proposal

Date Submitted: 01/22/18 2:55 pm

Viewing: **MS&E 5060 : Chemistry of Construction Materials**

File: 4513

Last edit: 01/23/18 2:43 pm

Changes proposed by: kumarad

|                          |                                     |
|--------------------------|-------------------------------------|
| Requested                | Fall 2018                           |
| Effective Change Date    |                                     |
| Department               | Materials Science & Engineering     |
| Discipline               | Materials Science & Eng (MS&E)      |
| Course Number            | 5060                                |
| Title                    | Chemistry of Construction Materials |
| Abbreviated Course Title | Const Mat Chem                      |

|                     |  |
|---------------------|--|
| Catalog Description | The objective of the course is to utilize fundamental concepts of materials science and chemistry to understand, analyze, and describe the chemistry of construction materials. Special focus is given to describe composition-reactivity-microstructure-property relations in various cementitious materials. |
|---------------------|--|

|               |                       |
|---------------|-----------------------|
| Prerequisites | Senior Undergraduate. |
|---------------|-----------------------|

|                      |  |
|----------------------|--|
| Field Trip Statement |  |
|----------------------|--|

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

|                     |    |
|---------------------|----|
| Required for Majors | No |
|---------------------|----|

|                     |     |
|---------------------|-----|
| Elective for Majors | Yes |
|---------------------|-----|

|                               |   |
|-------------------------------|---|
| Justification for new course: | The course has been previously offered on two occasions -- as an experimental course (MSE 5001/6001) -- in Spring semester of 2016 and Fall semester of 2017. |
|-------------------------------|---|

|  |   |
|--|---|
| Semesters previously offered as an experimental course | Spring 2016<br>Fall 2017<br><br>Spring 2016 enrollment (5001)- 5<br>Fall 2016 enrollment (6001)- 13 |
|--|---|

|                    |  |
|--------------------|--|
| Co-Listed Courses: |  |
|--------------------|--|

|                          |   |
|--------------------------|---|
| Course Reviewer Comments | <b>sraper (01/23/18 2:43 pm):</b> 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". |
|--------------------------|---|

In Workflow

1. **RMATSENG Chair**
2. **CCC Secretary**
3. **Engineering 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

Approval Path

1. 01/22/18 2:58 pm  
Greg Hilmas (ghilmas):  
Approved for RMATSENG Chair
2. 01/22/18 3:52 pm  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 01/31/18 3:00 pm  
sraper: Approved for Engineering DSCC Chair
4. 02/20/18 11:47 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Key: 4513

[Preview Briden](#)

## Course Change Request

## New Course Proposal

Date Submitted: 01/22/18 2:59 pm

Viewing: **MS&E 6060 : Advanced Chemistry of Construction Materials**

File: 4514

Last edit: 01/23/18 2:44 pm

Changes proposed by: kumarad

|                          |  |
|--------------------------|--|
| Requested                | Fall 2018                                    |
| Effective Change Date    |  |
| Department               | Materials Science & Engineering              |
| Discipline               | Materials Science & Eng (MS&E)               |
| Course Number            | 6060   |
| Title                    | Advanced Chemistry of Construction Materials |
| Abbreviated Course Title | Adv Chem Const Mat                           |

|                     |  |
|---------------------|--|
| Catalog Description | To describe fundamental composition-reactivity-microstructure-property relationships in construction materials. Tests will include quizzes, written-exams, as well as a term paper and a presentation on a topic relevant to the course. |
|---------------------|--|

|               |                    |
|---------------|--------------------|
| Prerequisites | Graduate standing. |
|---------------|--------------------|

|                      |  |
|----------------------|--|
| Field Trip Statement |  |
|----------------------|--|

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

|                     |    |
|---------------------|----|
| Required for Majors | No |
|---------------------|----|

|                     |     |
|---------------------|-----|
| Elective for Majors | Yes |
|---------------------|-----|

|                               |   |
|-------------------------------|---|
| Justification for new course: | The course has been previously offered on two occasions -- as an experimental course (MSE 5001/6001) -- in Spring semester of 2016 and Fall semester of 2017. |
|-------------------------------|---|

|  |  |
|--|--|
| Semesters previously offered as an experimental course | Spring 2016<br>Fall 2017<br><br>Spring 2016 enrollment (5001) - 5<br>Fall 2017 enrollment(6001) - 13 |
|--|--|

|                    |  |
|--------------------|--|
| Co-Listed Courses: |  |
|--------------------|--|

|                          |  |
|--------------------------|--|
| Course Reviewer Comments | <b>sraper (01/23/18 2:44 pm):</b> Fixed credit hours from 3.00 to 3 etc. Checked elective for majors. Will make inquiry about catalog description. Not sure if it was approved this way at EC level. |
|--------------------------|--|

In Workflow

1. **RMATSENG Chair**
2. **CCC Secretary**
3. **Engineering 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

Approval Path

1. 01/22/18 3:12 pm  
Greg Hilmas (ghilmas):  
Approved for RMATSENG Chair
2. 01/22/18 3:55 pm  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 01/31/18 3:01 pm  
sraper: Approved for Engineering DSCC Chair
4. 02/20/18 11:47 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Key: 4514

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 01/10/18 4:23 pm

Viewing: **PSYCH 3501 : Drugs and Behavior**

File: 4510

Last edit: 01/22/18 1:59 pm

Changes proposed by: hensleea

|                          |                       |
|--------------------------|-----------------------|
| Requested                | Fall 2018             |
| Effective Change Date    |                       |
| Department               | Psychological Science |
| Discipline               | Psychology (PSYCH)    |
| Course Number            | 3501                  |
| Title                    | Drugs and Behavior    |
| Abbreviated Course Title | Drugs and Behavior    |

#### In Workflow

1. **RPSYCHOL 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 | An introduction to the behavioral effects of drugs. A broad range of topics are covered including the 1) History of therapeutic and recreational drug use and abuse 2) Consequences of drug abuse and addiction 3) Behavioral, psychological, and physiological effects of drugs 4) Research methods used to study drugs 5) Effective treatments for drug problems. |  |  |  |  |
|---------------------|---|--|--|--|--|

|               |             |
|---------------|-------------|
| Prerequisites | Psych 1001. |
|---------------|-------------|

Field Trip Statement

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

|                     |    |
|---------------------|----|
| Required for Majors | No |
|---------------------|----|

|                     |     |
|---------------------|-----|
| Elective for Majors | Yes |
|---------------------|-----|

|                               |   |
|-------------------------------|---|
| Justification for new course: | To continue to provide an upper-level social science elective for engineering majors and to expand the clinical curriculum electives for psychology majors. |
|-------------------------------|---|

|  |                         |
|--|-------------------------|
| Semesters previously offered as an experimental course | Fall 2016 and Fall 2017 |
|--|-------------------------|

|  |                          |
|--|--------------------------|
|  | Fall 2016 enrollment- 16 |
|  | Fall 2017 enrollment- 23 |

Co-Listed Courses:

#### Approval Path

1. 01/11/18 12:48 pm  
murray:  
Approved for RPSYCHOL Chair
2. 01/22/18 2:00 pm  
Brittany Parnell (ershenb):  
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 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Course Reviewer Comments

Key: 4510

[Preview Bridge](#)

## Course Change Request

Date Submitted: 02/11/18 8:19 pm

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

Changes proposed by: weidnern

|   |  |
|---|--|
| <p>Programs referencing this course</p> <p><u><a href="#">INORGPS-MS: Industrial Organizational Psychology MS</a></u></p>   | <p>In Workflow</p> <ol style="list-style-type: none"> <li>1. <b>RPSYCHOL Chair</b></li> <li>2. <b>CCC Secretary</b></li> <li>3. <b>Social Sciences DSCC Chair</b></li> <li>4. <b>Pending CCC Agenda post</b></li> <li>5. <b>CCC Meeting Agenda</b></li> <li>6. Campus Curricula Committee Chair</li> <li>7. FS Meeting Agenda</li> <li>8. Faculty Senate Chair</li> <li>9. Registrar</li> <li>10. CAT entry</li> <li>11. Peoplesoft</li> </ol> |
| <p>Requested Effective Change Date</p> <p><b>Summer 2018</b> <del>Fall 2017</del></p> <p>Department: Psychological Science</p> <p>Discipline: Psychology (PSYCH)</p> <p>Course Number: 6602</p> <p>Title: <b>Employee Affect and Behavior Job Attitudes, Emotions, and Discretionary Behaviors</b></p> <p>Abbreviated Course Title: <b>Affect</b> <del>Emotions</del> and Behavior</p>  | <p>Approval Path</p> <ol style="list-style-type: none"> <li>1. 02/10/18 7:08 pm murray: Rollback to Initiator</li> <li>2. 02/12/18 9:22 am murray: Approved for RPSYCHOL Chair</li> <li>3. 02/12/18 10:55 am Brittany Parnell (ershenb): Approved for CCC Secretary</li> <li>4. 02/13/18 9:47 pm Barry Flachsbart (barryf): Approved for Social Sciences DSCC Chair</li> <li>5. 02/20/18 11:48 am</li> </ol>                                   |
| <p>Catalog Description</p> <p>Theory and research surrounding employee attitudes, emotions, and behaviors with an emphasis on antecedents and outcomes of: job satisfaction, engagement, organizational justice, trait and state positive and negative affect, organizational citizenship, counterproductive work, and proactive behaviors and the Implications for both employees and organizations.</p> <p>Prerequisites</p> <p>Psych 5010.</p> <p>Field Trip Statement</p> |  |
| <p>Credit Hours</p> <p>LEC: 3      LAB: 0      IND: 0      RSD: 0      Total: 3</p> <p>Required for Majors</p> <p>Yes</p>   |  |

|   |   |  |
|---|---|--|
| <p>Elective for Majors</p>  | <p>No</p>   | <p>Brittany Parnell (ershenb):</p>   |
| <p>Justification for change:</p> <p>The old name was too long. Students were getting confused about it. Employee Affect and Behavior is a good name for the course which fits with it's objectives. The short title has been changed as well.</p> <p>This course will be offered for the first time in SS 2018. If we can get the change done before then, it will never have been offered under the long name.</p> <p>Semesters previously offered as an experimental course</p> <p>Co-Listed Courses:</p> |   | <p>Approved for Pending CCC Agenda post</p> <p><b>History</b></p> <ol style="list-style-type: none"> <li>1. Jan 26, 2017 by Nathan Weidner (weidnern)</li> </ol> |
| <p>Course Reviewer Comments</p>   | <p><b>murray (02/10/18 7:08 pm):</b> Rollback: the short title still has emotion. You sure about that? thanks</p> |  |

Key: 4359

[Preview Bridge](#)



## Course Change Request

## New Course Proposal

Date Submitted: 01/31/18 8:35 pm

Viewing: **TCH COM 3550 : Writing for Social Media**

File: 4521

Last edit: 02/01/18 8:39 am

Changes proposed by: kswenson

|                          |                                     |
|--------------------------|-------------------------------------|
| Requested                | Fall 2018                           |
| Effective Change Date    |                                     |
| Department               | English and Technical Communication |
| Discipline               | Technical Communication (TCH COM)   |
| Course Number            | 3550                                |
| Title                    | Writing for Social Media            |
| Abbreviated Course Title | Writing for Social Media            |

|                     |   |
|---------------------|---|
| Catalog Description | The theory and practice of writing for social media. Emphasis on the role of social media in industry. Co-listed as ENGL 3550 Writing for Social Media. |
|---------------------|---|

|               |   |
|---------------|---|
| Prerequisites | One semester of college composition or technical writing. |
|---------------|---|

|                      |  |
|----------------------|--|
| Field Trip Statement |  |
|----------------------|--|

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

|                     |    |
|---------------------|----|
| Required for Majors | No |
|---------------------|----|

|                     |     |
|---------------------|-----|
| Elective for Majors | Yes |
|---------------------|-----|

|                               |  |
|-------------------------------|--|
| Justification for new course: | Required for new minor, Social Media in Industry. See separate proposal with syllabus. |
|-------------------------------|--|

|  |     |
|--|-----|
| Semesters previously offered as an experimental course | N/A |
|--|-----|

|                    |                                     |
|--------------------|-------------------------------------|
| Co-Listed Courses: | ENGL 3550 - <b>Course Not Found</b> |
|--------------------|-------------------------------------|

|                          |  |
|--------------------------|--|
| Course Reviewer Comments |  |
|--------------------------|--|

In Workflow

1. **REGLISH 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. CAT entry
11. Peoplesoft

Approval Path

1. 01/31/18 8:52 pm  
Kristine Swenson (kswenson):  
Approved for REGLISH Chair
2. 02/01/18 3:43 pm  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 02/02/18 11:45 am  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 02/20/18 11:48 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Key: 4521

[Preview Bridge](#)

## Course Change Request

### New Course Proposal

Date Submitted: 01/31/18 5:13 pm

Viewing: **TCH COM 3580 : Business Communication**

File: 4520

Last edit: 02/02/18 11:48 am

Changes proposed by: kswenson

Requested            Fall 2018

Effective Change

Date

Department        English and Technical Communication

Discipline         Technical Communication (TCH COM)

Course Number    3580

Title                Business Communication

Abbreviated        Business Communication

Course Title

Catalog

Description

The principles and practice of business communication. Covers topics such as genres of business writing, business uses of social media, branding and content strategy, and intercultural business communication.

Prerequisites

One semester of college composition or technical writing.

Field Trip

Statement

N/A

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

Required for        No

Majors

Elective for        Yes

Majors

Justification for

new course:

Required for our new minor (proposed) in Social Media in Industry. See that proposal for justification.

Semesters

previously

In Workflow

1. **RENLISH 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. CAT entry
11. Peoplesoft

Approval Path

1. 01/31/18 5:19 pm  
Kristine Swenson (kswenson):  
Approved for  
RENLISH Chair
2. 02/02/18 11:34 am  
Brittany Parnell (ershenb):  
Approved for CCC Secretary
3. 02/02/18 11:48 am  
Petra Dewitt (dewittp):  
Approved for Arts & Humanities DSCC Chair
4. 02/20/18 11:48 am

offered as an  
experimental  
course  
N/A

Co-Listed  
Courses:

Brittany Parnell  
(ershenb):  
Approved for  
Pending CCC  
Agenda post

---

Course Reviewer **dewittp (02/02/18 11:48 am):** Marked elective for majors.  
Comments

Key: 4520

[Preview Bridge](#)

## 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

1. 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
4. 02/20/18 11:47 am  
Brittany Parnell  
(ershenb):  
Approved for  
Pending CCC  
Agenda post

#### History

1. Feb 20, 2014 by  
Ilene 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** ~~to~~ the approval **of** ~~of~~ 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. ENGLISH 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

1. 02/11/18 3:43 pm  
Kristine Swenson (kswenson):  
Approved for ENGLISH 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
4. 02/20/18 11:47 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

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
4. 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 offer 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 "" to Graphic Nove

**dewittp (02/12/18 3:15 pm)**: Clarified course requirements

Key: 259

**NEW MINOR PROPOSAL**  
(No more than 4 pages + attachments)

|  |  |
|--|--|
| <b>CAMPUS</b>  | <i>Missouri University of Science and Technology</i> |
| <b>PROPOSED MINOR</b>  | <i>Game Studies</i>                                  |
| <b>PURPOSE</b> <i>[overall goals and objectives]</i>   |  |
| <ol style="list-style-type: none"> <li>1. <i>Study games as meaningful systems</i></li> <li>2. <i>Research games as narrative devices</i></li> <li>3. <i>Reflect on the cultural and social impact of games</i></li> <li>3. <i>Develop ways to use games as learning tools</i></li> </ol>  |  |
| <b>CURRICULUM</b> <i>[Any new courses?   Any new faculty?]</i>   |  |
| <ol style="list-style-type: none"> <li>1. <i>Game Studies (new course—crosslisted as ENGL and TCH COM)</i><br/><i>TCH COM/ENGL 3590 Game Studies</i><br/><i>An introduction to the study of games with an emphasis on their pedagogical and communicative uses. May cover topics such as game theory and design, gamification of classroom or workplace activities, game genres, and writing game narratives. Prerequisite: one semester of literature or composition. Crosslisted as ENGL/TCH COM Game Studies.</i></li> <li>2. <i>Technical Communication 5530--Usability Studies</i></li> <li>3. <i>English 1170--Creative Writing Fiction</i><br/><i>OR English 2171--Fiction Writing</i></li> <li>4. <i>One of the following:</i> <ul style="list-style-type: none"> <li>• <i>English 2243--Science Fiction</i></li> <li>• <i>English 2244--Fantasy Literature</i></li> <li>• <i>English 2001--Graphic Novel</i></li> </ul> </li> </ol>   |  |
| <b>NEED</b>  | <i>[Please provide a brief bulleted summary]</i>     |
| <ol style="list-style-type: none"> <li>1. <i>Student Demand</i></li> <li>2. <i>National, state or local market demand</i></li> </ol>   |  |
| <p><i>According to research by the Entertainment Software Association (ESA, 2017) and a 2016 Pew Study, nearly all young people 12 years and older play games, from Candy Crush and Angry Birds on their phones to highly sophisticated digital role-playing games or action-adventures. Digital games are the second-highest grossing entertainment worldwide, after films. In 2018, digital game sales are expected to pass one billion dollars for the third consecutive year. 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 offer 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.</i></p> <p><i>Gee, J. (2006). Why game studies now? Video games: A new art form. Games and Culture, 1(1), 58-61.</i></p> <p><i>Entertainment Software Association. (2017). Industry facts. Retrieved 6 November 2017 from <a href="http://www.theesa.com/about-esa/industry-facts/">http://www.theesa.com/about-esa/industry-facts/</a></i></p> <p><i>Pew Research Center. (2016). Who plays video games in America? Retrieved 6 November 2017 from <a href="http://www.pewinternet.org/2016/01/05/who-plays-video-games-in-america/">http://www.pewinternet.org/2016/01/05/who-plays-video-games-in-america/</a>Insert needed information</i></p> |  |

**IMPACT**

*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.*

**ALIGNMENT WITH CAMPUS AND DEPARTMENT PRIORITIES AND GOALS**

*A Game Studies minor will strengthen the new Strategic Plan Compacts for Excellence in the following ways:*

- 1. Enhancing learning experiences through the study of the enormous and impactful medium of games*
- 2. Improve career outcomes by addressing the growing field of digital games development, gamification in business and industry, and games as learning tools in education*
- 3. Game Studies is an inherently multi-disciplinary field that will encourage research collaboration across disciplines, particularly through S&T's new Center for Science, Technology, and Society.*
- 4. There is great potential for partnerships and research funding through Game Studies in theory and practice for marketing, education, fiction, cinema, psychology, computer science, and the arts*

**POTENTIAL DUPLICATION**

*[Does this minor, or one similar, exist on the campus? If so, what is the rationale for this minor?]*

*No current duplication at Missouri S&T*

**COSTS**

*[Indicate revenue stream and how it will be paid]*

*No current cost.*

**MARKETING STRATEGIES/APPROACHES**

*[Please provide brief bulleted summary]*



*The minor could be marketed to Computer Science, Computer Engineering, Psychology, Business and IST, and English & Technical Communication.*

**SUPPORT BY ACADEMIC UNIT(S)**

*English and Technical Communication will be the primary support unit*

**ATTACHMENTS**

*Insert attachments*

**ENGLISH/TECH COM 3590: GAME STUDIES**

Instructor: Dr. Daniel Reardon

Office: 207 HSS

Phone: 341-6160

Office Hours: MWF 10-10:50 and by appointment

Email: [reardond@mst.edu](mailto:reardond@mst.edu)

**COURSE DESCRIPTION**

An introduction to the study of games with an emphasis on their pedagogical and communicative uses. May cover topics such as game theory and design, gamification of classroom or workplace activities, game genres, and writing game narratives. Prerequisite: one semester of literature or composition. Crosslisted as ENGL and TECH COM 3590: Game Studies.

In this course, we will study the history, theory, development, and marketing of digital games. We will begin with analysis of the idea of “play” using literary critical theory, cinema studies, and psychological science. We will then concentrate on three aspects of digital games:

- The ludic—or structural elements—of games, particularly with regard to Ian Bogost’s theory of rhetorical procedure
- The narratological—or storytelling—elements of games, using literary theory (particularly poststructuralism)
- Technical content and communicative reciprocity of games, using technical communication theory for our analysis

Finally, we will discuss the tensions which emerge in digital games when ludic, narrative, and marketing forces in games appear at odds with one another. Special emphasis in the course on digital games with narratives as the dominant ludic feature.

**COURSE TEXTS**

- Foucault, M. (1977). *Language, counter-memory, practice: Select essays and interviews by Michel Foucault*. Bouchard, D., & Simon, S. (Trans.). Ithaca: NY: Cornell UP.
- Juul, J. (2001). Games telling stories? A brief note on games and narratives. *Game Studies* (1)1.
- Salen, K., & Zimmerman, E. (2006). *The game design reader: A rules of play anthology*. Cambridge, MA: MIT Press.

**COURSE GAMES**

- Baldur’s Gate [PC game]. (1998). Edmonton, Alberta, BC: BioWare.
- Civilization IV [PC game]. (2005). Sparks, MD: Firaxis Games.
- Dragon Age II [PC game]. (2011). Edmonton, Alberta, BC: BioWare.
- Fox, T. (2015). Undertale [PC game].
- The Last of Us [Playstation 4 game].
- Life is Strange [PC game]. 2015. Episode 1. Paris: Dontnod.
- The Secret of Monkey Island [PC game]. 1990. San Francisco, CA: Lucasfilm Games.
- Ultima [PC Game]. 1980. Davis, CA: California Pacific Computer Company.  
<https://classicreload.com/ultima.html>

**COURSE GOALS**

- Understand basic structural elements of digital games
- Distinguish between digital game narratives: linear, branching, and emergent

- Evaluate marketing strategies used by digital game companies, especially social media

### **COURSE LEARNING OBJECTIVES**

- Classify digital games using ludic theory
- Analyze structural elements of digital games using rhetorical procedure theory
- Assess game narratives using game narrative theory
- Distinguish games' technical content from game narratives
- Evaluate success or failure of digital game marketing strategies using technical communication theory

### **COURSE ASSESSMENTS**

1. *Faithful, regular attendance.* Please be here for every class meeting.
2. *Quizzes.* Used to assess comprehension, retention, and synthesis of course readings
3. *Course Projects.* Used to assess mastery of digital game theory.
4. *Short Analysis Essays.* Used to assess retention of gameplay and narratives.

### **EMAIL AND CANVAS**

You must have an active Missouri S&T email account. Please check it and the ENGL/TECH COM 3550 Canvas site at least once a day.

### **PRIVACY AND COPYRIGHT**

Please do not share any of the following items with people outside of this class: class discussions (oral or written); emails received from other members of the course, including the teacher; assignment instructions; and the course syllabus. Material in this course is either copyrighted by the student or by the teacher and is intended for use by enrolled students in this course. This policy is intended to encourage the free exchange of idea in the course and protect the rights of the students and the teacher to explore ideas, play devil's advocate, hone their own and one another's argumentative and analytical skills, and even make mistakes in the safety of a "classroom" environment. All of these things are essential to effective teaching and successful learning.

### **MINIMUM TECHNICAL SKILLS**

To succeed in this course, you must be proficient in using email; a computer with speakers, a microphone, and a webcam; a scanner; a browser such as Firefox or Chrome; Google Search; Canvas; and Adobe Connect. If you do not have these particular "literacies" you should contact me during the first week of the semester for advice and further instructions. You should also have some experience with one of the following: Facebook, Twitter, or YouTube.

### **PLAGIARISM**

The academic community demands academic honesty which requires that words and ideas that students present as their own truly represent their own work. Plagiarism is the careless or deliberate use of the work or the ideas of another or the representation of another's work, words, ideas, or data as your own without permission or appropriate acknowledgment. If you need any

help with avoiding plagiarism, please come see me in my office or email me.

The honest use of material requires that writers:

1. Use quotation marks around (or indent) words of another writer and cite the source of those words.
2. Cite the source of paraphrased material, even when the paraphrase differs substantially from the original.
3. Attribute to their sources the ideas of other writers.

If a paper is plagiarized in whole or in part, the penalty will be severe: the student(s) involved will receive a zero for the plagiarized assignment.

If you cheat or plagiarize on an assignment (i.e., an exercise or a quiz), you will receive a zero on the assignment, and I will notify either the Vice Provost of Undergraduate Studies or the Vice Provost of Graduate Studies about the incident. You are required to read Rules 200.010.B and 200.020 in the University of Missouri's Collected Rules and Regulations at

- [http://www.umsystem.edu/ums/rules/collected\\_rules/programs/ch200/200.010\\_standard\\_of\\_conduct](http://www.umsystem.edu/ums/rules/collected_rules/programs/ch200/200.010_standard_of_conduct)
- [http://www.umsystem.edu/ums/rules/collected\\_rules/programs/ch200/200.020\\_rules\\_of\\_procedures\\_in\\_student\\_conduct\\_matters](http://www.umsystem.edu/ums/rules/collected_rules/programs/ch200/200.020_rules_of_procedures_in_student_conduct_matters)

## **WRITING CENTER**

The Writing Center is a friendly place to bring your essays, reports, résumés, or term papers for a critique. No appointment is necessary, and tutors are prepared to help both undergraduate and graduate students in all the disciplines. Some of the issues covered in the lab include organization, sentence clarity, development, grammar and usage. A visit to the Writing Center will give you the opportunity to receive feedback on any writing assignment for any course. The Writing Center offers one-on-one tutoring to help you improve your writing:

- No appointment is necessary; use the Writing Center services at your convenience.
- Windows, MS Word and laser printers are available for your use.
- There is no charge for using the lab.
- The tutors do not write, edit, or proofread papers.

You can also meet with a writing tutor live online to discuss an assignment or submit an assignment to a tutor who will then send your assignment back to you with revision suggestions.

## **DOCUMENTED DISABILITY**

If you have a documented disability, please give me the appropriate documentation from Disability Support Services at the beginning of the semester and meet with me to discuss necessary accommodations. Accommodations cannot be made retroactively. For more information, contact Disability Support Services in 203 Norwood Hall, 573-341-6655, <http://dss.mst.edu/>. Disability Support Services will work with other campus departments to make alternative materials (e.g., alternatives to audio and video) available to students with disabilities.

**TITLE IX STATEMENT**

The following statement was sent to me by Rachel Morris in the Office of the Vice Provost of Undergraduate Studies: "Missouri University of Science and Technology is committed to the safety and well-being of all members of its community. US Federal Law Title IX states that no member of the university community shall, on the basis of sex, be excluded from participation in, or be denied benefits of, or be subjected to discrimination under any education program or activity. Furthermore, in accordance with Title IX guidelines from the US Office of Civil Rights, Missouri S&T requires that all faculty and staff members report, to the Missouri S&T Title IX Coordinator, any notice of sexual harassment, abuse, and/or violence (including personal relational abuse, relational/domestic violence, and stalking) disclosed through communication including but not limited to direct conversation, email, social media, classroom papers and homework exercises. Missouri S&T's Title IX Coordinator is interim chief diversity officer Neil Outar. Contact him ([naoutar@mst.edu](mailto:naoutar@mst.edu); (573) 341-6038; Temporary Facility A-1200 N. Pine Street) to report Title IX violations. To learn more about Title IX resources and reporting options (confidential and non-confidential) available to Missouri S&T students, staff, and faculty, please visit <http://titleix.mst.edu>.

## 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. REGLISH 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

1. 01/31/18 5:06 pm  
Kristine Swenson (kswenson):  
Approved for REGLISH Chair
2. 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
4. 02/20/18 11:48 am  
Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

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 MINOR PROPOSAL**  
(No more than 4 pages + attachments)

|  |  |
|--|--|
| <b>CAMPUS</b>  | Missouri University of Science and Technology    |
| <b>PROPOSED MINOR</b>  | Social Media in Industry                         |
| <b>PURPOSE</b> <i>[overall goals and objectives]</i>   |  |
| <p><i>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").</i></p>   |  |
| <b>CURRICULUM</b> <i>[Any new courses?   Any new faculty?]</i>   |  |
| <ol style="list-style-type: none"><li>1. ENGL/TCH COM 3550 Writing for Social Media (new course)</li><li>2. TCH COM 3580 Business Communication (new course)</li><li>3. ENGL/TCH COM 2560 Technical Marketing Communication</li><li>4. One of the Following: TCH COM 5560 Web-Based Communication, TCH COM 4520 Help Authoring, TCH COM 3440 Theory of Visual Technical Communication</li></ol> <p>No new faculty will be required for this minor.</p>   |  |
| <b>NEED</b>  | <i>[Please provide a brief bulleted summary]</i> |
| <ol style="list-style-type: none"><li>1. Student Demand</li><li>2. National, state or local market demand</li></ol>  |  |
| <p><i>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.</i></p> |  |
| <b>IMPACT</b>  |  |
| <p><i>This minor should attract new students to technical communication courses and will offer a new skill set to all students. Because social media skills are in great demand, these new skills will offer students a method enhancing their employability after graduation. The focus of this minor will be on the use of social media in industry, as a tool and resource for technical communicators under all of their varied job titles, including user experience designer, content developer, content strategist, information architect, usability analyst, and quality assurance specialist. The employee in charge of S&amp;T social media presence, Lindsey Dundstedter, is a graduate of S&amp;T's technical</i></p>  |  |

Please complete the information requested and submit to the Office of the Vice Provost for Academic Affairs.

*communication program.*

**ALIGNMENT WITH CAMPUS AND DEPARTMENT PRIORITIES AND GOALS**

*This minor will meet help to meet a departmental goal to increase enrollment and to offer students the latest technological skills. On a campus level, this minor meets criteria set forth by the following levers from the strategic plan.*

*1.2, 1.5,2.2, 2.5, 2.7 3.6, 3.7, 4.3*

**POTENTIAL DUPLICATION**

*[Does this minor, or one similar, exist on the campus? If so, what is the rationale for this minor?]*

*No similar minor currently exists.*

**COSTS**

*[Indicate revenue stream and how it will be paid]*

*No additional costs will be created.*

**MARKETING STRATEGIES/APPROACHES**

*[Please provide brief bulleted summary]*

*Social media skills can be marketed to both technical communication majors and to other majors in programs such as business, engineering management, and information technology.*

*A student will be able to pursue this minor in a traditional classroom format or entirely online.*

**SUPPORT BY ACADEMIC UNIT(S)**

*English and Technical Communication will be the primary academic support unit.*

**ATTACHMENTS**



*Insert attachments*

**TCH COM 3580**  
**BUSINESS COMMUNICATION**  
**Spring 2018**

**Online Asynchronous**

**Course Description:**

This course is a study of the principles and practice of business communication. In this course you will explore many different types of business and professional writing, with an emphasis on the business uses of social media. At the same time, you will explore your own attitudes toward writing in general and writing within your future profession in particular. You will learn how to communicate effectively by knowing your audience and your subject and by expressing yourself with clarity and distinction. You will learn to assess your own writing and that of your colleagues.

**Required Texts:**

Alred's *The Business Writer's Handbook*, 11/e (Bedford/St. Martin's)  
Bryant's *Essays on Writing* (Pearson)  
Williams' *Style: Lessons in Clarity and Grace*, 12/e

**Recommended Texts:**

A good dictionary

**Prerequisites:** Freshman Composition (you must have passed with a "C" or better).

**Course Objectives:**

- 1) To learn how and to practice assessing your own writing as well as your colleagues' writing.
- 2) To be able to work constructively on creative professional projects with various groups of people and to function both as a leader and a follower.
- 3) To explore your thoughts on writing, both in general and in your chosen profession.
- 4) To understand and be able to practice the basic principles of standard business communication, including various formats for different settings and audiences.
- 5) To understand the purpose of and to create persuasive documents written for a professional audience.
- 6) To create a job search package that will attract the attention of future internship supervisors and employers
- 7) To construct diplomatic and graceful or stylish memoranda, reports, and social media posts in a manner that reflects attention to detail, adherences to facts, and commitment to a sense of personal expression.
- 8) To be able to shift between block and modified block versions or memos, and to understand the distinction between internal and external formats.
- 9) To create attractive and accurate graphics and know how to present them, online and in front of an audience, and to use PowerPoint technology effectively.

## COURSE REQUIREMENTS

There are five major writing assignments in this class, along with the weekly discussion questions:

|                      |   |     |
|----------------------|---|-----|
| Assignment #1        | The Writing Profile/Self Assessment (parts 1 and 3) and Email in the Workplace (part 2) | 10% |
| Assignment #2        | Social Media Project Involving Facebook, Twitter, and YouTube                           | 20% |
| Assignment #3        | Complaint Letter  | 20% |
| Assignment #4        | Proposal (with annotated bibliography/PPT)  | 20% |
| Assignment #5        | The Job Search Project  | 20% |
| Discussion questions |   | 10% |

There will be smaller assignments required within each unit. I will assess you based on your writing and on your growth as a practicing communicator. It's not just about hitting a mark; it's about paying attention to how you get there and improving that process so that you can do it again when you don't have someone like me hovering over you. Each assignment has a participation component (peer reviews, etc.). I will provide guidelines for for all major assignments, including for interim steps.

In this class, we will simulate a typical professional environment. In this environment, my job is to help you become a better communicator—better than you are now (whatever your skill level is) so that you can embrace work challenges that require good writing skills. You should be more competitive, after all, once you graduate, than you are now. Your job is to let go of your preconceived notions of writing in general, your skills as a writer, and how much you will be writing in the future. In order for it to work, however, you **MUST** do the following:

READ AND LISTEN

REFLECT

RESPOND

WRITE

REVISE (and revise and revise)

While I will help you understand the importance of these steps and how to practice them, I do expect you to be willing, engaged participants. This simply will not work otherwise.

## MY COMMITMENT

I commit to provide you with honest and supportive feedback. I will use whatever method will get the best result in that moment for the student and the assignment. Sometimes it may be a question for you to ponder. Sometimes I will help your colleagues provide useful feedback. I will provide all of this feedback and support thoughtfully, with the course goal in mind.

## PARTICIPATION

This course requires active involvement on the Canvas site several times per week. ***Do not go longer than 2 days without accessing the Canvas site.*** In addition to turning in all major assignments on time, you are expected to participate in discussion boards, make regular posts to a blog and class wiki, and engage in online group work. If you do not participate in these activities, you will not do well in this class. As an old professor of mine used to say, if you get behind, we will leave you there.

## DRAFTS

Each major assignment requires several drafts. If you do not post drafts on scheduled due dates for drafts, then you may not receive full credit for your final assignment. If it's a chronic problem, I may not accept the final assignment at all, resulting in a zero. Look at it this way. In the professional world, any major document you write will be reviewed by many people, including your boss. This process of writing collaboratively is not optional in the business world, or in this one.

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- [http://www.umsystem.edu/ums/rules/collected\\_rules/programs/ch200/200.020\\_rules\\_of\\_procedures\\_in\\_student\\_conduct\\_matters](http://www.umsystem.edu/ums/rules/collected_rules/programs/ch200/200.020_rules_of_procedures_in_student_conduct_matters)

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# SYLLABUS

## ENGL 3550 Writing for Social Media TCH COM 3550 Writing for Social Media

Online Synchronous, Tuesdays, 6-9 PM

ENGL/TCH COM 3550 Writing for Social Media is an introduction to the theory and practice of writing for social media, with an emphasis on the use of social media in industry. The goal of the course is to provide you with the knowledge and skills to devise and implement social media strategies for companies and organizations. You will learn how to analyze social media platforms and tools and the situations in which they are used. In the course, students will use several communication tools, such as Facebook, LinkedIn, Twitter, Instagram, and YouTube. There will be group work and collaborative learning exercises.

### Required Texts

- Guy Kawasaki and Peg Fitzpatrick's *The Art of Social Media*
- Liza Potts' *Social Media in Disaster Response: How Experience Architects Can Build for Participation*
- Mark W. Schaefer's *Social Media Explained*

### How to Succeed in This Course

This course is not an “information-download course” in which students are expected to collect information to spit out on tests. This is a “discovery course” in which students use the data they gather to engage in critical thinking and solve problems. Doing that will depend on *everyone* working collaboratively and creatively.

### Grading and Assignments

Assignments are due at the ends of the weeks, on Sundays at 11:59 pm. I try to grade those assignments on Mondays and Tuesdays. If you have questions about grades, or want further feedback, please contact me and we can arrange a time to talk.

Grades will be based on your performance on the following assignments:

| <b>Assignment</b>                     | <b>Points</b> |
|---------------------------------------|---------------|
| M1 Introduction to Class              | 5             |
| M2 Wiki Contributions                 | 10            |
| M3 Facebook Assignment                | 10            |
| M4 Twitter Assignment                 | 10            |
| M4 Facebook Assignment                | 10            |
| M5 LinkedIn Assignment                | 10            |
| M6 Case Study (Group Assignment)      | 10            |
| M6 YouTube Assignment                 | 10            |
| M7 Case Study (Individual Assignment) | 10            |
| M7 Video Blog                         | 10            |
| M8 Self Assessment                    | 5             |
| <b>TOTAL</b>                          | <b>100</b>    |

## **Grading Scale**

A = 90-100 points

B = 80-89 points

C = 70-79 points

D = 60-69 points

F = 59 or fewer points

## **Course Policies**

### *Attendance*

There will be a online synchronous meeting each week on Tuesday from 6:00 to 8:30 p.m. Enter the Adobe Connect classroom on time and stay there for the entire meeting. The success of the course will depend partly on your active participation in the discussions and other activities that may take place during these meetings. To be counted present, you must have a working microphone and webcam and be using it when I call roll; if I call your name, you must answer

vocally. If you do not have working equipment and/or do not talk, I will count you absent. I will send you and your advisor a warning by email before dropping you from this course for excessive absences (= more than 3 absences).

### ***Late Assignments***

Assignments that are turned in late will receive a lower grade than they would have received if they had been turned in on time. I reserve the right not to accept an assignment that is more than one week late.

### ***Retention of Work***

Keep copies of all assignments that you turn in for grades. If I lose one of your assignments, I will have to ask you for another copy. Students pursuing the B.S., M.S., or graduate certificate in Technical Communication should keep all of their graded work, all assignment descriptions, and the course syllabus, at least until they graduate.

### ***Email and Canvas***

You must have an active Missouri S&T email account. Please check it and the ENGL/TCH COM 3550 Canvas site at least once a day.

### ***Privacy and Copyright***

Please do not share any of the following items with people outside of this class: class discussions (oral or written); emails received from other members of the course, including the teacher; assignment instructions; and the course syllabus. Material in this course is either copyrighted by the student or by the teacher and is intended for use by enrolled students in this course. This policy is intended to encourage the free exchange of idea in the course and protect the rights of the students and the teacher to explore ideas, play devil's advocate, hone their own and one another's argumentative and analytical skills, and even make mistakes in the safety of a "classroom" environment. All of these things are essential to effective teaching and successful learning.

### ***Minimum Technical Skills***

To succeed in this course, you must be proficient in using email; a computer with speakers, a microphone, and a webcam; a scanner; a browser such as Firefox or Chrome; Google Search; Canvas; and Adobe Connect. If you do not have these particular "literacies" you should contact me during the first week of the semester for advice and further instructions. You should also have some experience with one of the following: Facebook, Twitter, or YouTube.

### ***Cheating and Plagiarism***

If you cheat or plagiarize on an assignment (i.e., an exercise or a quiz), you will receive a zero on the assignment, and I will notify either the Vice Provost of Undergraduate Studies or the Vice Provost of Graduate Studies about the incident. You are required to read Rules 200.010.B and 200.020 in the University of Missouri's Collected Rules and Regulations at

- [http://www.umsystem.edu/ums/rules/collected\\_rules/programs/ch200/200.010\\_standard\\_of\\_conduct](http://www.umsystem.edu/ums/rules/collected_rules/programs/ch200/200.010_standard_of_conduct)
- [http://www.umsystem.edu/ums/rules/collected\\_rules/programs/ch200/200.020\\_rules\\_of\\_procedures\\_in\\_student\\_conduct\\_matters](http://www.umsystem.edu/ums/rules/collected_rules/programs/ch200/200.020_rules_of_procedures_in_student_conduct_matters)



### ***Documented Disability***

If you have a documented disability, please give me the appropriate documentation from Disability Support Services at the beginning of the semester and meet with me to discuss necessary accommodations. Accommodations cannot be made retroactively. For more information, contact Disability Support Services in 203 Norwood Hall, 573-341-6655, <http://dss.mst.edu/>. Disability Support Services will work with other campus departments to make alternative materials (e.g., alternatives to audio and video) available to students with disabilities.

### ***Title IX Statement***

The following statement was sent to me by Rachel Morris in the Office of the Vice Provost of Undergraduate Studies: "Missouri University of Science and Technology is committed to the safety and well-being of all members of its community. US Federal Law Title IX states that no member of the university community shall, on the basis of sex, be excluded from participation in, or be denied benefits of, or be subjected to discrimination under any education program or activity. Furthermore, in accordance with Title IX guidelines from the US Office of Civil Rights, Missouri S&T requires that all faculty and staff members report, to the Missouri S&T Title IX Coordinator, any notice of sexual harassment, abuse, and/or violence (including personal relational abuse, relational/domestic violence, and stalking) disclosed through communication including but not limited to direct conversation, email, social media, classroom papers and homework exercises. Missouri S&T's Title IX Coordinator is interim chief diversity officer Neil Outar. Contact him ([naoutar@mst.edu](mailto:naoutar@mst.edu); (573) 341-6038; Temporary Facility A-1200 N. Pine Street) to report Title IX violations. To learn more about Title IX resources and reporting options (confidential and non-confidential) available to Missouri S&T students, staff, and faculty, please visit <http://titleix.mst.edu>.

**Note:** Your continuation in this course after the first day of the semester indicates that you agree to the above-stated course policies and the terms of this syllabus in general.

## **Schedule of Readings**

Note: This schedule is subject to change. If I make a change, I will notify you by email.

### **January**

- 18 – Introduction to Course
- 25 – Schaefer, *Social Media Explained*, Section 1

### **February**

- 1 – Schaefer, *Social Media Explained*, Section 2
- 8 – Schaefer, *Social Media Explained*, Section 2 (cont.)
- 15 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 1-2
- 22 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 3-4

### **March**

- 1 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 5-6
- 8 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 7-8

15 – No Class (Spring Recess)

22 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 9-10

29 – No Class (Spring Break)

### **April**

5 – Kawasaki and Fitzpatrick, *The Art of Social Media*, Chapters 11-12

12 – Potts, *Social Media in Disaster Response*, Chapters 1 & 2

19 – Potts, *Social Media in Disaster Response*, Chapters 4 & 5

26 – Potts, *Social Media in Disaster Response*, Chapters 6

### **May**

3 – To Be Announced

## **New Courses**

### **TCH COM 3580 Business Communication**

The principles and practice of business communication. Covers topics such as genres of business writing, business uses of social media, branding and content strategy, and intercultural business communication. Prerequisite: one semester of college composition or technical writing.

### **TCH COM 3550 Writing for Social Media**

The theory and practice of writing for social media. Emphasis on the role of social media in industry. Prerequisite: one semester of college composition or technical writing. Crosslisted as ENGL 3550 Writing for Social Media.

### **ENGL 3550 Writing for Social Media**

The theory and practice of writing for social media. Emphasis on the role of social media in industry. Prerequisite: one semester of college composition or technical writing. Crosslisted as TCH COM 3550 Writing for Social Media.

## Course Change Request

### New Experimental Course Proposal

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

Viewing: **HISTORY 2001.001 : History of Mexico**

File: 4522

Last edit: 02/01/18 2:09 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                    | History of Mexico             |
| Experimental Abbreviated Course Title | History of Mexico             |
| 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                    | Either History 1100, History 1200, History 1300 or History 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

#### 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

Key: 4522

[Preview Bridge](#)

## Course Change Request

### New Experimental Course Proposal

Date Submitted: 02/02/18 1:33 pm

Viewing: **PET ENG 6001.009 : Applications of Data Analytics in Petroleum Engineering**

File: 4523

Last edit: 02/20/18 11:27 am

Changes proposed by: reflori

|                                       |   |
|---------------------------------------|---|
| Requested                             | Fall 2018   |
| Effective Change Date                 |   |
| Department                            | Geosciences and Geological and Petroleum Engineering    |
| Discipline                            | Petroleum Engineering (PET ENG)                         |
| Course Number                         | 6001  |
| Topic ID                              | 009   |
| Experimental Title                    | Applications of Data Analytics in Petroleum Engineering |
| Experimental Abbreviated Course Title | Applic Data Analyt Pet E                                |
| Instructors                           | Mingzhen Wei  |

**Experimental Catalog Description**  
 Introduction to data analytics such as data quality mining, fundamental statistical analysis, artificial intelligent methods, goal identification and problem formulation, data analytics methods and selection, and pattern/knowledge discovery. Coursework will include petroleum engineering case studies, group/individual projects and literature review.

**Prerequisites**  
 Programming skills and consent of instructor.

**Field Trip Statement**

**Credit Hours**  
 LEC: 2      LAB: 1      IND: 0      RSD: 0      Total: 3

**Justification for new course:**  
 Applications of data analytics are multiplying in oilfield operations. Pet Eng students are taking lower level courses in business in data analytics, which we will still encourage, but we wanted to offer an advanced class which is designed to focus on petroleum engineering applications.

**Semester(s) previously taught**  
 N/A

**Co-Listed Courses:**

**Course Reviewer Comments**

#### In Workflow

1. **RGEOSENG Chair**
2. **CCC Secretary**
3. **Engineering DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. Campus Curricula Committee Chair
7. CAT entry
8. Registrar

#### Approval Path

1. 02/02/18 2:13 pm  
 David Borrok (borrokd):  
 Approved for RGEOSENG Chair
2. 02/02/18 3:52 pm  
 Brittany Parnell (ershenb):  
 Approved for CCC Secretary
3. 02/13/18 1:49 pm  
 sraper: Approved for Engineering DSCC Chair
4. 02/20/18 11:47 am  
 Brittany Parnell (ershenb):  
 Approved for Pending CCC Agenda post

Key: 4523

[Preview Bridge](#)

## Course Change Request

### New Experimental Course Proposal

Date Submitted: 01/16/18 5:31 pm

Viewing: **PSYCH 3001.003 : Psychology of Human Sexuality**

File: 4511

Last edit: 02/02/18 12:03 pm

Changes proposed by: bakerden

|                                       |                               |
|---------------------------------------|-------------------------------|
| Requested                             | Fall 2018                     |
| Effective Change Date                 |                               |
| Department                            | Psychological Science         |
| Discipline                            | Psychology (PSYCH)            |
| Course Number                         | 3001                          |
| Topic ID                              | 003                           |
| Experimental Title                    | Psychology of Human Sexuality |
| Experimental Abbreviated Course Title | Psych of Human Sexuality      |
| Instructors                           | Denise A Baker                |

**Experimental Catalog Description**  
 Explores research from neuro, cognitive, and social psychology related to aspects of human sexuality such as sexual development, love and attraction, gender and gender roles, and reproductive health. Students will also gain an understanding of key biological and neurological factors that influence human sexual anatomy, behaviors, beliefs, and attitudes.

**Prerequisites**  
 Psych 1101 or instructor permission.

**Field Trip Statement**

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

**Justification for new course:**  
 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.

**Semester(s) previously taught**  
 NA

**Co-Listed Courses:**

**Course Reviewer Comments**

#### In Workflow

1. **RPSYCHOL Chair**
2. **CCC Secretary**
3. **Social Sciences DSCC Chair**
4. **Pending CCC Agenda post**
5. **CCC Meeting Agenda**
6. Campus Curricula Committee Chair
7. CAT entry
8. Registrar

#### Approval Path

1. 01/17/18 9:02 am murray:  
Approved for RPSYCHOL Chair
2. 01/22/18 1:53 pm Brittany Parnell (ershenb):  
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 am Brittany Parnell (ershenb):  
Approved for Pending CCC Agenda post

Key: 4511

[Preview Bridge](#)

## Course Change Request

Date Submitted: 10/31/17 12:16 pm

Viewing: **MIN ENG 5413 : Material Processing by High Pressure Water Jet Adv**  
**Mtl Proc Hghpres Wtr Jet**

File: 500.1

Last edit: 11/29/17 11:04 am

Changes proposed by: cifarellit

Requested **Fall 2018** ~~08/01/2014~~

Effective Change

Date

Department Mining & Nuclear Engineering

Discipline Mining Engineering (MIN ENG)

Course Number 5413

Title **Material Processing by High Pressure Water Jet Adv Mtl Proc Hghpres**  
~~Wtr Jet~~

Abbreviated ~~Adv~~ Mtl Proc Hghpres Wtr Jet  
 Course Title

In Workflow

1. RMINNUCL Chair
2. CCC Secretary
3. Engineering 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 **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.** ~~Advanced methods for continuously generating high pressure, power calculations, applications of waterjets in the mining and manufacturing industries, and safety considerations. Research paper or design project required.~~

Prerequisites **Co-listed with Mech Eng 5606. Mi Eng 4413 or Consent of Instructor.**

Field Trip Statement

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

Required for Majors No

Elective for Majors **Yes** ~~No~~

Justification for change: Course was being offered to graduate and undergraduate students under two separate course numbers. 5413 was selected as the course number to utilize based on recommendations of the curriculum committee.

Semesters previously offered as an experimental course

Co-Listed Courses: **MECH ENG 5606 - Material Processing By High-Pressure Water Jet**

Approval Path

1. 11/27/17 7:15 pm  
Braden lusk (blusk): Approved for RMINNUCL Chair
2. 11/28/17 11:17 am  
Brittany Parnell (ershenb): Approved for CCC Secretary
3. 01/08/18 1:43 pm  
sraper: Approved for Engineering DSCC Chair
4. 01/23/18 4:01 pm  
Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

Course Reviewer **sraper (11/29/17 11:04 am)**: checked "elective for majors"  
 Comments

Key: 500

[Preview Bridge](#)



## Course Change Request

Date Submitted: 10/31/17 12:22 pm

Viewing: **MIN ENG 5422 : ~~Advanced~~ Coal Preparation**

File: 2019.1

Last edit: 11/29/17 11:14 am

Changes proposed by: cifarellit

Requested **Fall 2018** ~~08/01/2014~~  
 Effective Change  
 Date  
 Department Mining & Nuclear Engineering  
 Discipline Mining Engineering (MIN ENG)  
 Course Number 5422  
 Title ~~Advanced~~ Coal Preparation  
 Abbreviated ~~Advanced~~ Coal Preparation  
 Course Title

Catalog **Coal properties, sampling, testing, breaking, sizing, cleaning and dewatering.**  
 Description **Disposal of refuse. Advanced methods for designing coal processing circuitry and practices, flowsheet design, sampling, advanced ash and moisture analyzers; coarse, intermediate, and fine coal cleaning; dewatering; dry coal cleaning research. Research paper or design project required.**

Prerequisites **Min** ~~Mi-Eng 2412 4422~~ or **consent** ~~Consent~~ of **instructor. Instructor.**

Field Trip  
 Statement

Credit Hours LEC: 2 LAB: 1 IND: 0 RSD: 0 Total: 3

Required for  
 Majors No

Elective for  
 Majors **Yes** ~~No~~

Justification for  
 change: Course was being offered to graduate and undergraduate students under two separate course numbers. 5422 was selected as the course number to utilize based on recommendations of the curriculum committee.

Semesters  
 previously  
 offered as an  
 experimental  
 course

Co-Listed  
 Courses:

In Workflow

1. **RMINNUCL Chair**
2. **CCC Secretary**
3. **Engineering 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

Approval Path

1. 11/27/17 7:16 pm  
 Braden lusk (blusk): Approved for RMINNUCL Chair
2. 11/28/17 11:20 am  
 Brittany Parnell (ershenb): Approved for CCC Secretary
3. 01/08/18 1:43 pm  
 sraper: Approved for Engineering DSCC Chair
4. 01/23/18 4:03 pm  
 Brittany Parnell (ershenb): Approved for Pending CCC Agenda post

Course Reviewer **sraper (11/29/17 11:14 am)**: checked "elective for majors"

Comments

Key: 2019

[Preview Bridge](#)