MISSOURI S&T

MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Formerly University of Missouri-Rolla

Agenda
Campus Curricula Committee Meeting
September 5, 2012
12 p.m. Room 117 Fulton Hall

Review of submitted DC forms:
DC 0423, Electrical Engineering, Power and Energy emphasis area, effective Spring 2013. A proposal to modify the current power and energy emphasis area.

Review of submitted CC forms:
CC 8244, Computer Engineering 358, Electrical Engineering 367, Systems Engineering 367, Computational Intelligence, effective Fall 2012.

CC 8262, Marketing 350, Customer Focus and Satisfaction, effective Spring 2013.

CC 8263, Business 350, Customer Focus & Satisfaction, effective Spring 2103.

CC 8264, Business 450, Advanced Customer Focus & Satisfaction, effective Spring 2013.

CC 8265, Marketing 450, Advanced Customer Focus and Satisfaction, effective Spring 2013.

CC 8269, Speech and Media 275, Foundations of Video Communication, effective Spring 2013.

CC 8270, Mechanical Engineering 463, Advanced Digital Design and Manufacturing, effective Spring 2013.

CC 8273, Aerospace Engineering 414, Advanced Astrodynamics, effective Spring 2013.

Review of submitted EC forms:
EC, Mechanical Engineering 301, Viscoelastic Materials: Modeling and Applications, effective Spring 2013.

Tabled Items:
CC 8232, Technical Communication 311, International Dimensions of Technical Communication. **Tabled.**

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SP 2013

Effective Year: ~~FS2012~~
Effective Term: Summer ☐   **Fall** ☒   **Spring** ☒
(Creating or modifying a degree program must be effective for a Fall term)

DC # 0423-2012-EE-000-0 0

Degree Change Form (DC)

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

Title of degree program, emphasis area, or minor:
Electrical Engineering B.S. Program with Power and Energy Emphasis

Department: Electrical & Computer Engineering

Briefly describe action requested (Attach documentation as appropriate):

Add EE 353 Power Electronics as an additional approved elective for EE Elective D or Elective E in the EE B.S. with Power and Energy Emphasis.

The emphasis area change will be added to students' CAPS/Audit report.

The catalog description for emphasis areas will be changed accordingly. The old descrition for the power and energy course list is "Power and Energy: El Eng 205 or 207, and 30X (Excluding El Eng 200, 201, 202, 300, and 301 Course)" The new descrition for the power and energy course list will be "Power and Energy: El Eng 205 or 207, 353, and 30X (Excluding El Eng 200, 201, 202, 300, and 301 Course)"

Recommended by Department: _____ Date: 16 Apr 2012
(Chair signature)

Recommended by Discipline Specific Curricula Committee: _____ Date: 5/9/12
(Chair signature)

Approved by Curricula Committee: _____ Date: _____
(Chair signature)

Approved by Faculty Senate: _____ Date: _____
(Chair signature)

04/16/12   (Revised 1/31/2008)

Effective Year: 2012

Term: Summer ☐   Fall ☒   Spring ☐

CC File # *l244 -2012-GpE-358-32*

Course Change Form (CC)

This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   Course Deletion ☐   Credit Hours ☐   Prerequisites ☒

Course Title ☐   Catalog Description ☐   Course Number ☐   Co-listing ☐

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** Elec & Computer Engr

2. **Discipline and Course Number:**   Present : CpE 358   **Proposed:**

3. **Course Title:**   **Present:**   Computational Intelligence

           Proposed:

Abbreviated Course Title:

        (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*

Present: Intro to Computational Intelligence, Biological & Artificial Neuron, Neural Networks, Evolutionary Computing, Swarm Intelligence, Artificial Immune Systems, Fuzzy Systems & Hybrid Systems, CI Application case studies covered include digital systems, control, power systems, forecasting & time-series predictions.

Proposed:

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   Lecture: 3   Lab: 0   Total: 3

               Proposed: Lecture: Lab: Total:

7. **Prerequisites:**

    Present: Statistics 217

    Proposed: CS 153 or programming competency

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   Current prerequisities out of date. Students will undertake programming-based projects to demonstrate CI techniques. Students will need programming competency.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1) EE 367 *alt*   2)   3)

4) SySE 367 *DLE*   5)   6)

Recommended by Department ___*Kelu Emile*___   Date: *20 Mar 2012*
                   (Chair signature)

Recommended by Discipline Specific Curricula Committee ___*Steve Watkins*___ Date: *5/9/12*
                   (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                   (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                   (Chair signature)

(Revised 1/29/09)

Martin, Sandra J.

From:	Seiffertt , John E
Sent:	Tuesday, March 20, 2012 11:34 AM
To:	Martin, Sandra J.
Cc:	Stanley, R. Joe
Subject:	CC Form for CpE 358

Sandy,

Per our conversation, I am writing to request the CC form for the Computational Intelligence course be filled out. I have spoken with Joe Stanley about these changes already.

Course: CpE 358 Computational Intelligence Crosslisted with EE 367 and Sys Eng 367 (does the form have to be filled out for each listing?)

Current Prereq: Stat 217

Proposed Prereq: CS 153 or programming competency

Reason: The Stat prereq is out of date. I plan to have the students undertake programming-based projects to demonstrate CI techniques. For this reason, they need to have programming competency.

Thanks,

John

John Seiffertt
Assistant Teaching Professor
Electrical and Computer Engineering
Missouri S&T

FS 2012

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Effective Year: 2013   **CC File # 8262-2012-MKT350-34**
Term: Summer ☐   Fall ☐   Spring ☒

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   Course Deletion ☐   Credit Hours ☐   Prerequisites ☐

Course Title ☐   Catalog Description ☒   Course Number ☐   Co-listing ☒

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** Business & Information Technol

2. **Discipline and Course Number: Present :** MKT 350   **Proposed:**

3. **Course Title: Present: Customer Focus and Satisfaction**
                        Proposed:

   Abbreviated Course Title:
            (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*

   Present: Major emphasis is given to the concept of customer focus, with coverage of techniques for obtaining customer needs, measuring customer satisfaction, developing products and services to satisfy customers, and maximizing the benefits of customer feedback. A semester long HoQ project will be done.

   Proposed: This course covers the concept of customer focus. Techniques for obtaining customer needs, the importance of those needs, customer attitudes are covered extensively. Students learn how to use these measures to develop strategic advantage for the marketplace.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   Lecture: 3.0   **Lab:**   **Total:** 3
                              Proposed: **Lecture:**   **Lab:**   **Total:**

7. **Prerequisites:**
   Present: Mkt 310 or MKT 307 or Eng Mgt 251

   Proposed: MKT 311 or EMGT 251

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   This course will no longer be cross-listed with BUS 350. BUS 350 will cover the management & operations side of the topic while MKT 350 covers the measurement of customer needs, wants, and attitudes.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: 4/26/12
                                    (Chair signature)
Recommended by Discipline Specific Curricula Committee _____   Date: 4/27/12
                                    (Chair signature)
Approved by Curricula Committee: _____   Date: _____
                                    (Chair signature)
Approved by Faculty Senate: _____   Date: _____
                                    (Chair signature)

(Revised 1/29/09)

Effective Year: 2013   **CC File # 8263-2012-BUS-350-32**
Term: Summer ☐   Fall ☐   Spring ☒

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   Course Deletion ☐   Credit Hours ☐   Prerequisites ☒
Course Title ☒   Catalog Description ☒   Course Number ☐   Co-listing ☒

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** Business & Information Technol

2. **Discipline and Course Number:**   **Present :** BUS 350   **Proposed:**

3. **Course Title:**   **Present:**   Customer Focus & Satisfaction
                          Proposed: Managing Product & Service Quality

   Abbreviated Course Title: Managing Prod/Serv Qual
      (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** (300 Character Spaces or Less.)

   Present: Major emphasis is given to the concept of customer focus, with coverage of techniques for obtaining customer needs, measuring customer satisfaction, developing products and services to satisfy customers, and maximizing the benefits of customer feedback. A semester long HoQ project will be done.

   Proposed: Managerial and operations aspects of managing product or service development and/or improvement using a Quality Function Deployment methodology. Techniques for obtaining customer needs & maximizing benefits of customer input covered. A House of Quality project will be completed.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   Lecture: 3   Lab: Total: 3
                            Proposed: Lecture: Lab: Total:

7. **Prerequisites:**
      Present: MKT 310 or MKT 307 or EMgt 251

      Proposed: BUS 110 or EMGT 134 or EMGT 314

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   There is no MKT 310 course. BUS 110, EMGT 134, EMGT 314 are more appropriate prerequisites for this course. This course will no longer be co-listed with MKT 350.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

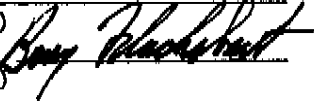1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: 4/26/12
                                    (Chair signature)
Recommended by Discipline Specific Curricula Committee_____   Date: 4/27/12
                                    (Chair signature)
Approved by Curricula Committee: _____   Date: _____
                                    (Chair signature)
Approved by Faculty Senate: _____   Date: _____
                                    (Chair signature)

(Revised 1/29/09)

Effective Year: 2013   **CC File #** 264-2012-BUS-450-32
Term: Summer ☐   **Fall** ☐   **Spring** ☒

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   **Course Deletion** ☐   **Credit Hours** ☐   **Prerequisites** ☒
Course Title ☒   **Catalog Description** ☒   **Course Number** ☐   **Co-listing** ☒

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** Business & Information Technol

2. **Discipline and Course Number: Present :** BUS 450   **Proposed:**

3. **Course Title: Present: Advanced Customer Focus & Satisfaction**
   Proposed: Advanced Managing Product & Service Quality

   Abbreviated Course Title: Adv Mng Prod/Serv Qual
   (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*

   Present: Major emphasis is given to the concept of customer focus, with coverage of techniques for obtaining customer needs, measuring customer satisfaction, developing products and services to satisfy customers, and maximizing the benefits of customer feedback. Individual focused research is included.

   Proposed: Managerial and operations aspects of managing product or service development and/or improvement using a QFD methodology. Techniques for obtaining customer needs & maximizing benefits of customer input covered. A House of Quality project will be completed. Individual focused research is included.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   **Lecture:** 3   **Lab:**   **Total:** 3
                              Proposed: **Lecture:**   **Lab:**   **Total:**

7. **Prerequisites:**
   Present: MKT 311 or MKT 307 or EMgt 251

   Proposed: BUS 110 or EMGT 134 or EMGT 314

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   BUS 110, EMGT 134, EMGT 314 are more appropriate prerequisites for this course. This course will no longer be co-listed with MKT 450.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

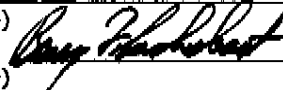1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: 4/26/12
                                    (Chair signature)
Recommended by Discipline Specific Curricula Committee _____   Date: 4/27/12
                                    (Chair signature)
Approved by Curricula Committee: _____   Date: _____
                                    (Chair signature)
Approved by Faculty Senate: _____   Date: _____
                                    (Chair signature)

(Revised 1/29/09)

Effective Year: 2013   **CC File # 8265-2012-MKT-450-32**
Term: Summer ☐   **Fall** ☐   **Spring** ☒

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   **Course Deletion** ☐   **Credit Hours** ☐   **Prerequisites** ☒
Course Title ☐   **Catalog Description** ☒   **Course Number** ☐   **Co-listing** ☒

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** BIT

2. **Discipline and Course Number:**   **Present :** MKT 450   **Proposed:**

3. **Course Title:**   **Present:**   Advanced Customer Focus and Satisfaction
                        Proposed:

   Abbreviated Course Title:
            (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*

   Present: Major emphasis is given to the concept of customer focus, with coverage of techniques for obtaining customer needs, measuring customer satisfaction, developing products and services to satisfy customers, and maximizing the benefits of customer feedback. A semester long HoQ project will be done.

   Proposed: This course covers the concept of customer focus. Techniques for obtaining customer needs, the importance of those needs, customer attitudes are covered extensively. Students learn how to use these measures to develop strategic advantage for the marketplace. Individual research is included.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   **Lecture:** 3.0   **Lab:**   **Total:** 3
                              Proposed: **Lecture:**   **Lab:**   **Total:**

7. **Prerequisites:**
      Present: Mkt 310 or MKT 307 or Eng Mgt 251

      Proposed: MKT 311 or EMGT 251

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   This course will no longer be cross-listed with BUS 450. BUS 450 will cover the management & operations side of the topic while MKT 450 covers the measurement of customer needs, wants, and attitudes.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1)   2)   3)

4)   5)   6)

Recommended by Department _____ Date: _4/27/12_
                                    (Chair signature)
Recommended by Discipline Specific Curricula Committee _____ Date: _4/27/12_
                                    (Chair signature)
Approved by Curricula Committee: _____ Date: _____
                                    (Chair signature)
Approved by Faculty Senate: _____ Date: _____
                                    (Chair signature)

(Revised 1/29/09)

Effective Year: ~~2012~~ 2013
Effective Term: Summer ☒   Fall ☐   Spring ☒

CC File # 8269-2012-Sp+M-275-32

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☐   Course Deletion ☐   Credit Hours ☐   Prerequisites ☒
Course Title ☒   Catalog Description ☒   Course Number ☐   Co-listing ☐

Course Information (1-9 Must Be Completed. Leave "Proposed" Items blank if no change is being made.)

1. **Department:** ALP
2. **Discipline and Course Number:**   Present : SP&M 275   Proposed:
3. **Course Title:**   Present: Foundations of Video Communication
   Proposed: Foundations of Media Communication

   Abbreviated Course Title:
   (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** (40 Words or Less)
   Present: See catalog

   Proposed: The course explores the historical, social, & psychological impact of media through study and practice of academic and non-academic theories of effective media communication. The course supplies an integrated critical framework for application in students' day-to-day consumption of media.

5. **If course requires field trip check box:** ☐
6. **Credit Hours:**   Present: Lecture: 3   Lab: Total: 3
                             Proposed: Lecture: Lab: Total:

7. **Prerequisites:**
   Present: SP&M 181 or consent of instructor

   Proposed: None

8. **Required for Majors:** ☐   **Elective for Majors:** ☒
9. **Justification:**   Curriculum and scope of course has been altered and an update is fair and necessary for students. Accuracy is the justification.

10. **Semesters previously offered as an experimental course (101, 201, 301, 401):**
11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: _____
                              (Chair signature)

Recommended by Discipline Specific Curricula Committee _____ Date: 5/30/12
                              (Chair signature)

Approved by Curricula Committee: _____ Date: _____
                              (Chair signature)

Approved by Faculty Senate: _____ Date: _____
                              (Chair signature)

(Revised 1/31/08)

05/29/12

Effective Year: 2013
Term: Summer ☐   Fall ☐   Spring ☒

CC File # *8270-2012-ME-463-10*

Course Change Form (CC)

This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☒   **Course Deletion** ☐   **Credit Hours** ☐   **Prerequisites** ☐

Course Title ☐   **Catalog Description** ☐   **Course Number** ☐   **Co-listing** ☐

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. Department: Mechanical and Aersopace Eng.

2. Discipline and Course Number: Present : Mc Eng 401   **Proposed:** Mc Eng 463

3. Course Title: Present: Advanced Digital Design and Manufacturing

   Proposed: Advanced Digital Design and Manufacturing

   Abbreviated Course Title:
   (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. Catalog Description *(300 Character Spaces or Less.)*

   Present: This course covers selective topics essential to advanced digital design and manufacturing. These topics include freeform modeling, reverse engineering, NC path generation, and immersive digital design and manufacturing. Students will learn theoretical and practical materials on the various topics.

   Proposed: This course covers freeform modeling, reverse engineering, numerical control path generation for material removal and addition, and virtual reality based digital design and manufacturing. Students learn theoretical and fundamental aspects on these topics from lectures and project exercises.

5. If course requires field trip check box: ☐

6. Credit Hours: **Present:**   **Lecture: 3**   **Lab: 0**   **Total: 3**
                          Proposed: **Lecture: 3**   **Lab: 0**   **Total: 3**

7. Prerequisites:
   Present: Mc Eng 308 or Mc Eng 363

   Proposed: Mc Eng 308 or Mc Eng 363 or similar course

8. Required for Majors: ☐   **Elective for Majors:** ☒

9. Justification: This course has been previously offerred as an Mc Eng 401 experimental course for two semesters, with 10 students registering in the spring 2011 semester and 8 students registering in the spring 2012 semester.

10. Semesters previously offered as an experimental course (101, 201, 301, 401): 2

11. List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.

1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: 7/12/2012
                          (Chair signature)
Recommended by Discipline Specific Curricula Committee _____   Date: _____
                          (Chair signature)
Approved by Curricula Committee: _____   Date: _____
                          (Chair signature)
Approved by Faculty Senate: _____   Date: _____
                          (Chair signature)

(Revised 1/29/09)

Effective Year: 2013   CC File # *8273-2012-AE-414-10*
Term: Summer ☐   Fall ☐   Spring ☒

Course Change Form (CC)
This form is for creating or modifying permanent courses.

Course Changes (Check all changes.)

New Course ☒   **Course Deletion** ☐   **Credit Hours** ☐   **Prerequisites** ☐

Course Title ☐   **Catalog Description** ☐   **Course Number** ☐   **Co-listing** ☐

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** MAE

2. **Discipline and Course Number:**   **Present :**   **Proposed:** Ae Eng 414

3. **Course Title: Present:**

   Proposed: Advanced Astrodynamics

   Abbreviated Course Title: Adv Astrodynamics
   (24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*
   Present:

   Proposed: Analysis of spacecraft motion using different dynamic models and perturbations. Using the state transition matrix and differential corrections technique for trajectory computation. Introduction to the three-body problem. Use of computational and numerical methods to solve astrodynamic problems.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   **Lecture:**   **Lab:**   **Total:**
                           Proposed: **Lecture: 3**   **Lab: 0**   **Total: 3**

7. **Prerequisites:**
   Present:

   Proposed: Ae Eng 314

8. **Required for Majors:** ☐   **Elective for Majors:** ☒

9. **Justification:**   Course has been offered twice and is to be added as a regular permanent offering.
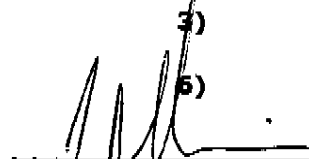
10. **Semesters previously offered as an experimental course (101, 201, 301, 401):** Sum '06, Spring '11

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1)   2)   3)

4)   5)   6)

Recommended by Department _____   Date: _8/1/2012_
                                    (Chair signature)

Recommended by Discipline Specific Curricula Committee _____   Date: _____
                                    (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                                    (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                                    (Chair signature)

(Revised 1/29/09)

Effective Year: 2013
Effective Term: Summer ☐   **Fall** ☐   **Spring** ☒

EC File # *2427-Sp 2013-ME-301*

Experimental Course Form (EC)

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

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

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

Department: MAE

Discipline and Course Number: Mc Eng 301

Course Title: Viscoelastic Materials: Modeling and Applications

Abbreviated Title *(24 spaces or less)*: Viscoelasticity

Instructor(s): Gearoid MacSithigh

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

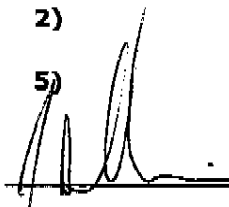**Prerequisites:**   CE 110, Math 204

Semester(s) previously taught: None

Brief Course Description: (40 words or less)
Viscoelastic phenomena. Stress relaxation. Creep. Viscoelastic materials. Polymers. Soft tissues. Constitutive models. Elements of stress and strain analysis. Nonlinear effects. Applications.

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

4)   5)   6)

Department Chair: _____   Date: 7/19/2012
                              (Chair Signature)

Discipline Specific Curricula Committee: _____   Date:_____
                              (Chair signature)

Curricula Committee: _____   Date:_____
                              (Chair Signature)

07/17/12   (Revised 10/12/2010)

Effective Year: 2012   CC File # *8232-2012-TCom-311-*
Term: Summer ☐   Fall ☒   Spring ☐

Course Change Form (CC)
This form is for creating or modifying permanent courses.

tabled *✓APP*

Course Changes (Check all changes.)

New Course ☒   Course Deletion ☐   Credit Hours ☐   Prerequisites ☐

Course Title ☐   Catalog Description ☐   Course Number ☒   Co-listing ☒

Course Information (1-9 Must Be Completed. Leave "Proposed" items blank if no change is being made.)

1. **Department:** English and Tech Com   *Tch Com*

2. **Discipline and Course Number:**   **Present:**   **Proposed:** 311

3. **Course Title:**   **Present:**

   Proposed: International Dimensions of Technical Communication

   Abbreviated Course Title:
   _____(24 Spaces or Less. Only needed for New Courses or Title Changes.)

4. **Catalog Description** *(300 Character Spaces or Less.)*

   Present:

   Need GC form for 411

   Proposed: TCH COM 311 Examines complexity of communication of technical information worldwide. Includes topics such as graphics, icons, symbols; user interface design; intercultural communication. Prerequisite: TCH COM 65 or ENGL 65, or equivalent.

5. **If course requires field trip check box:** ☐

6. **Credit Hours:**   **Present:**   **Lecture:**   **Lab:**   **Total:**

                       Proposed: **Lecture: 3**   **Lab:**   **Total:**

7. **Prerequisites:**
   Present:

   Proposed: *Tch Com 65 or Engl 65, or equivalent.*

8. **Required for Majors:** ☐   **Elective for Majors:** ☐

9. **Justification:** International Technical Communication is currently being taught as TCH COM 411. TCH COM 311 would be taught concurrently, but would accommodate undergraduate enrollment, especially BS Tech Com majors. Graduate students in 411 would do additional work and be held to higher standards for assessment. See CC 7701 2009 ✓ for an example of this type of concurrent offering.

10. **Semesters**
previously offered as an experimental course (101, 201, 301, 401):

11. **List all co-listed courses, initialed by Dept. Chair, if signature does not appear below.**

1) ~~TCH COM 411~~ ✓   2)   3)

4)   5)   6)

Recommended by Department: _____   Date: 2/14/12
                              (Chair signature)

Recommended by Discipline Specific Curricula Committee _____   Date: 2/16/12
                              (Chair signature)

Approved by Curricula Committee: _____   Date: _____
                              (Chair signature)

Approved by Faculty Senate: _____   Date: _____
                              (Chair signature)

(Revised 1/29/09)