FACULTY CURRICULUM COMMITTEE
SIGNATURE PAGE

- In section A, list ALL of the forms covered by this signature page. If you submit a form that is not listed in A, your proposal will be held back until we receive a new, updated signature page.
- You must obtain the signature of your department chair and dean before submitting your proposal.

A. FORMS COVERED BY THIS SIGNATURE PAGE. List each form you are submitting—for instance, PSYC 383, Course Form; PSYC, Change of Major Form; PSYC, Change of Minor Form.

1. CSCI 215 Course Form
2. CSCI 220 Course Form
3. CSCI 381 Course Form -Not included
4. CIS Change of Major Form

B. APPROVAL AND SIGNATURES.

1. Signature of Department Chair or Program Director:

   ____________________________ Date: 10/7/15

2. Signature of Academic Dean:

   ____________________________ Date: 10/7/15

3. Signature of Provost:

   ____________________________ Date: 11/7/15

4. Signature of Business Affairs (only for course fees):

   ____________________________ Date: ________________

5. Signature of Curriculum Committee Chair:

   ____________________________ Date: 11-7-215

6. Signature of Budget Committee Chair (only for new programs):

   ____________________________ Date: ________________

7. Signature of Academic Planning Committee Chair (only for new programs):

   ____________________________ Date: ________________

8. Signature of Faculty Senate Secretary:

   ____________________________ Date: ________________

Date Approved by Faculty Senate: __________________
Instructions:
- Please fill out one of these forms for each course you are adding, changing, deactivating, or Reactivating.
- Fill out the parts of the form specified in part B. **You must do this before your request can move forward!**
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, start by checking the instructions on the website. Please feel free to contact the committee chairs with any remaining questions you might have.

A. CONTACT/COURSE INFORMATION.

Name: Sebastian van Delden  
Phone: 3-9615  
Email: vaneldensa@cofc.edu

Department or Program: Computer Science  
School: School of Science and Math

Subject Acronym and Course Number: CSCI 215

Catalog Year in which changes will take effect: 2016-2017

B. TYPE OF REQUEST. Please check all that apply, then fill out the specified parts of the form.

☐ Add a New Course (complete parts C, D, F, G, H, I, J)
☒ Change Part of an Existing Course (complete parts C, D, E, F, G, I, J)
  ☐ Course Number (you must submit a course deactivation request for the old course number)
  ☐ Course Name
  ☐ Course Description
  ☐ Credit/Contact Hours
  ☒ Restrictions (prerequisites, co-requisites, junior/senior standing, etc.)
☐ Deactivate an Existing Course (complete parts C, D, E, G, I, J)
☐ Reactivate a Previously-Deactivated Course (complete parts C, D, E, G, I, J)

C. RATIONALE AND EXPLANATION. Please describe your request and explain why you are making it.

Currently, CSCI 215 does not have any prerequisites. In order to adequately cover the content in this course, we request adding CSCI 115 (or permission of department chair) as a prerequisite. This will ensure that students have working knowledge of HTML and webpage creation so that CSCI 215 can focus more on client-side programming topics which is the primary focus of CSCI 215.

D. IMPACT ON EXISTING PROGRAMS AND COURSES. Please briefly describe the impact of your request on your own programs and courses as well other programs and courses. If another program requires the course, you must submit their written acknowledgement with this proposal. Also, the affected program must describe any change in the number of credit hours they require. Include a list of similar courses in other departments and explain any overlap.

No impact to other parts of the curriculum/program.

E. EXISTING COURSE INFORMATION. If you are proposing a new course, just leave this blank. Otherwise, please fill out all fields.

Department: Computer Science  
School: SSM  
Subject Acronym: CSCI  
Course Number: 215

Credit hours: 3 lecture __ lab __ seminar __ independent study
Contact hours: __ lecture __ lab __ seminar __ independent study

This form was last updated on 12/13/13 and replaces all others.
Course title: Website Programming

Course description (maximum 50 words, exactly as it appears in the catalog):

A course teaching the design and development of interactive Web pages and client-side based Web programs using Rich Internet Applications (RIAs). Students will learn how to manage elements of a Web page using the Document Object Model (DOM), create and validate forms and communicate with Web servers using current Web technologies.

Restrictions (pre-requisites, co-requisites, majors only, etc.):

Prerequisite: None

Cross-listing, if any:

Is this course repeatable? □ yes ☒ no If yes, how many total credit hours may the student earn? ___

F. NEW COURSE INFORMATION. If you are deactivating a course, leave this blank. Otherwise, please fill out all fields. For changed courses, use boldface for the information that is changing.

Department: Computer Science School: SSM Subject Acronym: CSCI Course Number: 215

Credit hours:    _3_ lecture ___ lab ___ seminar ___ independent study
Contact hours:   ___ lecture ___ lab ___ seminar ___ independent study

Course title: Website Programming

Course description (maximum 50 words, exactly as it appears in the catalog):

A course teaching the design and development of interactive Web pages and client-side based Web programs using Rich Internet Applications (RIAs). Students will learn how to manage elements of a Web page using the Document Object Model (DOM), create and validate forms and communicate with Web servers using current Web technologies.

Restrictions (pre-requisites, co-requisites, majors only, etc.):

Prerequisite: CSCI 115 or permission of department chair

If this is a newly-created course, is it intended to be the equivalent of an existing course? □ yes ☒ no
If so, which course? ______________

If equivalent, will the newly-created course replace the existing course? □ yes ☒ no
Note: If yes, you must deactivate that course by submitting an additional Course Form.

Cross-listing, if any (submit approval from relevant department): ___ N/A ___
Note: Cross-listed courses are equivalent.

Is this course repeatable? □ yes ☒ no If yes, how many total credit hours may the student earn? ___

Is there an activity, lab, or other fee associated with this course? □ yes ☒ no What is the fee? $_____ 
Note: The Senate cannot approve new fees. Business Affairs will submit any such request to the Board of Trustees. The course can still be created, but the fee will not be attached until the Board has approved it.

G. COSTS. List all of the new costs or cost savings (including new faculty/staff requests, library, equipment, etc.) associated with your request.

No cost is associated with this request.
H. STUDENT LEARNING OUTCOMES AND ASSESSMENT.

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>Assessment Method and Performance Expected</th>
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<td>What will students know and be able to do when they complete the course?</td>
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</tbody>
</table>

1. The SLOs will not change for this course.

2.

3.

4.

How does this course align with the student learning outcomes articulated for the major, program, or general education? What program-level outcome or outcomes does it support? Is the content or skill introduced, reinforced, or demonstrated in this course?

I. PROGRAM CHANGES. Will this course be added to the existing degree requirements or list of approved electives of a major, minor, or concentration? □ yes □ no

If yes, please attach a Change Minor and/or Change Major/Program Form as appropriate.

J. CHECKLIST.

□ I have completed all relevant parts of the form.

□ I have attached a cover letter that describes my request and lists all the documents I am submitting.

□ (For new courses only) I have attached a syllabus.

□ (For courses used in any way by other departments, including cross-listing) I have attached an acknowledgement from the relevant department.

□ (For courses intended to fulfill a Gen Ed requirement) I have submitted the proposal to the Gen Ed committee.

□ I have submitted one Signature Form that lists all of the different forms I am submitting.

This form was last updated on 12/13/13 and replaces all others.
FACULTY CURRICULUM COMMITTEE
COURSE FORM

Instructions:
- Please fill out one of these forms for each course you are adding, changing, deactivating, or reactivating.
- Fill out the parts of the form specified in part B. You must do this before your request can move forward!
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, start by checking the instructions on the website. Please feel free to contact the committee
  chairs with any remaining questions you might have.

A. CONTACT/COURSE INFORMATION.

Name: RoxAnn H. Stalvey Phone: 3-8153 Email: stalveyr@cofc.edu

Department or Program: Computer Science School: School of Science and Math

Subject Acronym and Course Number: CSCI 220

Catalog Year in which changes will take effect: 2016-2017

B. TYPE OF REQUEST. Please check all that apply, then fill out the specified parts of the form.

☐ Add a New Course (complete parts C, D, F, G, H, I, J)
☒ Change Part of an Existing Course (complete parts C, D, E, F, G, I, J)
  ☐ Course Number (you must submit a course deactivation request for the old course number)
  ☐ Course Name
  ☐ Course Description
  ☐ Credit/Contact Hours
  ☒ Restrictions (prerequisites, co-requisites, junior/senior standing, etc.)
☐ Deactivate an Existing Course (complete parts C, D, E, F, G, I, J)
☐ Reactivate a Previously-Deactivated Course (complete parts C, D, E, G, I, J)

C. RATIONALE AND EXPLANATION. Please describe your request and explain why you are making it.

The pre-requisite of “CSCI 120 or CSCI 180 or CSCI 280 or MATH 111 or higher math or permission of the
department” will be changed “CSCI 215 or MATH 105 or MATH 111 or higher math or permission of the
department.” 1. CSCI 215 is being added as a possible pre-req for CSCI 220 because this course
teaches students basic programming concepts that, like the other CSCI course already listed, will help them
successfully complete CSCI 220. 2. The second possible path to enroll into CSCI 220 is based on a student’s math
readiness. It is the case that MATH 105, Calculus for Business and Social Science, prepares students adequately for
the algorithmic thinking needed to be successful in CSCI 220. 3. As part of a previously approved curriculum
change, CSCI 210 became CSC 280 which should not be a pre-requisite to CSCI 220, so it needs to be removed.

D. IMPACT ON EXISTING PROGRAMS AND COURSES. Please briefly describe the impact of your request on your
own programs and courses as well other programs and courses. If another program requires the course, you must
submit their written acknowledgement with this proposal. Also, the affected program must describe any change in the
number of credit hours they require. Include a list of similar courses in other departments and explain any overlap.

Because the teaching methods used for the last several semesters will not change, these catalog changes should have
no effect on other courses or programs. It is possible that a few more students annually will register for CSCI 220
because more students may be qualified to gain admission. This possible enrollment increase will not significantly
affect the number of students in the course.

This form was last updated on 12/13/13 and replaces all others.
E. EXISTING COURSE INFORMATION. If you are proposing a new course, just leave this blank. Otherwise, please fill out all fields.

Department: Computer Science School: SSM Subject Acronym: CSCI Course Number: 220

Credit hours: 3 lecture __ lab __ seminar __ independent study
Contact hours: __ lecture __ lab __ seminar __ independent study

Course title: Computer Programming I

Course description (maximum 50 words, exactly as it appears in the catalog):

An introduction to programming and problem solving. Topics include data types, variables, assignment, control structures (selection and iteration), lists, functions, classes, and an introduction to object-oriented programming. Lectures three hours per week.

Restrictions (prerequisites, corequisites, majors only, etc.):

Prerequisite: CSCI 120 or CSCI 180 or CSCI 280 or MATH 111 or higher math or permission of the department.

Co-requisite: CSCI 220L.

Cross-listing, if any:

Is this course repeatable? □ yes □ no If yes, how many total credit hours may the student earn? ___

F. NEW COURSE INFORMATION. If you are deactivating a course, leave this blank. Otherwise, please fill out all fields. For changed courses, use **boldface** for the information that is changing.

Department: Computer Science School: SSM Subject Acronym: CSCI Course Number: 220

Credit hours: 3 lecture __ lab __ seminar __ independent study
Contact hours: __ lecture __ lab __ seminar __ independent study

Course title: Computer Programming I

Course description (maximum 50 words, exactly as it appears in the catalog):

An introduction to programming and problem solving. Topics include data types, variables, assignment, control structures (selection and iteration), lists, functions, classes, and an introduction to object-oriented programming. Lectures three hours per week.

Restrictions (prerequisites, corequisites, majors only, etc.):

Prerequisite: CSCI 120 or CSCI 180 or CSCI 215 or MATH 105 or MATH 111 or higher math or permission of the department.

Co-requisite: CSCI 220L.

If this is a newly-created course, is it intended to be the equivalent of an existing course? □ yes □ no
If so, which course? __________________

If equivalent, will the newly-created course replace the existing course? □ yes □ no
Note: If yes, you must deactivate that course by submitting an additional Course Form.

Cross-listing, if any (submit approval from relevant department): N/A
Note: Cross-listed courses are equivalent.
Is this course repeatable? □ yes ☒ no  If yes, how many total credit hours may the student earn? ____

Is there an activity, lab, or other fee associated with this course? □ yes ☒ no  What is the fee? $______

Note: The Senate cannot approve new fees; Business Affairs will submit any such request to the Board of Trustees. The course can still be created, but the fee will not be attached until the Board has approved it.

G. COSTS. List all of the new costs or cost savings (including new faculty/staff requests, library, equipment, etc.) associated with your request.

No cost is associated with this request.

H. STUDENT LEARNING OUTCOMES AND ASSESSMENT.

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1. The SLOs will not change for this course.

2.

3.

4.

How does this course align with the student learning outcomes articulated for the major, program, or general education? What program-level outcome or outcomes does it support? Is the content or skill introduced, reinforced, or demonstrated in this course?

I. PROGRAM CHANGES. Will this course be added to the existing degree requirements or list of approved electives of a major, minor, or concentration? □ yes ☒ no

If yes, please attach a Change Minor and/or Change Major/Program Form as appropriate.
J. CHECKLIST.

☐ I have completed all relevant parts of the form.

☐ I have attached a cover letter that describes my request and lists all the documents I am submitting.

☐ (For new courses only) I have attached a syllabus.

☐ (For courses used in any way by other departments, including cross-listing) I have attached an acknowledgement from the relevant department.

☐ (For courses intended to fulfill a Gen Ed requirement) I have submitted the proposal to the Gen Ed committee.

☐ I have submitted one Signature Form that lists all of the different forms I am submitting.
Thanks Bob!!

Lisa, could you please add this to the CSCI 220 paperwork?

**Sebastian van Delden, Ph.D.**
*Department Chair and Professor*

**The College of Charleston**
Computer Science Department
Harbor Walk East, Room 321
Charleston, SC 29424
Office: (843) 953-9615
vandeldensa@cofc.edu

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**From:** Mignone, Robert J  
**Sent:** Wednesday, October 07, 2015 4:11 PM  
**To:** van Delden, Sebastian A  
**Subject:** Re: MATH 105 to be pre-req to CSCI 220

Dear Dr. Delden,

The Department of Mathematics supports the prerequisite changes proposed by Computer Science for CSCI 220, in particular, adding Math 105, Calculus for Business and Social Science, as a prerequisite for CSCI 220.

Sincerely yours,

Robert Mignone, Chair  
Department of Mathematics  
College of Charleston

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**From:** "<van Delden>"; Sebastian A <vandeldensa@cofc.edu>  
**Date:** Wednesday, October 7, 2015 at 2:46 PM  
**To:** Robert Mignone <Mignoner@cofc.edu>  
**Subject:** MATH 105 to be pre-req to CSCI 220

Dear Bob,

Could you please let me know if you approve of us adding MATH 105 as a pre-req to CSCI 220?

Thanks!

Sebastian
Sebastian van Delden, Ph.D.
Department Chair and Professor

The College of Charleston
Computer Science Department
Harbor Walk East, Room 321
Charleston, SC 29424
Office: (843) 953-9615
vandeldensa@cofc.edu
FACULTY CURRICULUM COMMITTEE
CHANGE/DELETE PROGRAM FORM

Instructions:
- Please fill out all of the portions of the form that are specified in section B. You must do this before your request can move forward!
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, please start by checking the detailed instructions on the website.
- Please feel free to contact the committee chair with any remaining questions you might have.

A. CONTACT INFORMATION.

Name: Sebastian van Delden
Phone: 843-953-9615
Email: vandeldensa@cofc.edu

School: Science and Mathematics
Department or Program: Computer Science

Name and Acronym of Major: Bachelor of Science in Computer Information Systems (CIS)

B. CATEGORY OF REVIEW. Please check all that apply, then fill out the specified parts of the form.

☐ Change Request (fill out all sections)
  ☑ Add an existing course to requirements or electives
  ☐ Add a new course to requirements or electives (attach completed course form for each)
  ☑ Delete courses from requirements or electives
  ☐ Add or modify concentration*
  ☐ Add or modify cognate*

*Note: Only concentrations and cognates requiring 18 or more credit hours will be tracked in Banner and Degree Works and noted on the transcript.

☐ Terminate Program (fill out E, G, H, and I)
  ☐ Terminate degree
  ☐ Terminate major
  ☐ Terminate concentration
  ☐ Terminate cognate

C. GENERAL INFORMATION

Number of Current Credit Hours (for existing program): 61-62
Number of Proposed Credit Hours (for changed program): 61-62 (41+)
Catalog Year in which changes will take effect: FALL 2016

D. CURRICULUM. Please list every change you are making below AND attach the current Program of Study Worksheet for this major (http://registrar.cofc.edu/program-of-study-resources/program-of-study-worksheets/index.php) with changes marked in RED. Additions should show where the course will be inserted, deletions should be noted by crossing out the course, and moves indicated with arrows. Distinguish between required and elective courses, and note any prerequisites, co-requisites, sequencing, or other restrictions. Provide the catalog description and course list exactly as they should appear in the catalog. For each new course, submit the Curriculum Committee’s Course Form and a sample syllabus.

This form was last updated on 6/6/2013 and replaces all others.
The following 9 hours will be removed from the “Business Requirement” in the degree program:

ENTR 320 New Venture Modeling (3) PR: ENTR 200
ENTR 321 New Venture Planning (3) PR: ACCT 203, ENTR 200
MGMT 301 Management and Organizational Behavior (3) PR: Junior standing

The following 9 hours will be added to the “Business Requirement” in the degree program:

DSCI 320 Management Information Systems (3) PR: Junior standing; ACCT 203, 204, DSCI 232, MATH 104 or 250

Select 6 hours from the following:

DSCI 306 Intro to E-Commerce (3) PR: Junior standing, MATH 104; ACCT 203, 204; DSCI 232; DSCI 320
DSCI 323 Computer-Based Decision Modeling (3) PR: None
DSCI 406 Quantitative Methods and Decision Making (3) PR: Junior standing; DSCI 232; MATH 104, 105
ENTR 200 Entrepreneurship Theory/Practice (3) PR: None
ENTR 320 New Venture Modeling (3) PR: ENTR 200
ENTR 321 New Venture Planning (3) PR: ACCT 203, ENTR 200
INF M 330 Enterprise Data Management (3) PR: DSCI 320
INF M 350 Business Analytics (3) PR: DATA 101, DSCI 232
INF M 360 Special Topics in Info Management (3) PR: Junior standing or permission from instructor
INF M 390 Enterprise Resource Planning (3) PR: DSCI 320

E. RATIONALE AND EXPLANATION. Please provide a narrative addressing the request you are making and why you are making it.

The Computer Information Systems (CIS) degree program currently offers a student no flexibility in the Business Requirement. Students must take two entrepreneurship courses as part of the requirement as well as the general-purpose management (MGMT 301) course. We would like to replace MGMT 301 with a management information systems course (DSCI 320) which is a more specialized and relevant course for a CIS major. Also, instead of being required to take two entrepreneurship courses, we would like students to choose two courses from a specified pool of relevant courses. Students would still be able to take two courses in entrepreneurship (because these are in the pool), but would now have the flexibility to instead take courses in decision science or information management.

F. STUDENT LEARNING OUTCOMES AND ASSESSMENT.

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</table>

1. An ability to apply knowledge of computing and mathematics appropriate to the discipline  
2. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution  
3. An ability to design, implement and evaluate a computer-based system, process, component, or program to meet desired needs  
4. An ability to function effectively on teams to accomplish a common goal  

A 3-year timetable has been established for directly assessing each student learning outcome:

2014-15: Focus on outcomes e, g, h  
2015-16: Focus on outcomes a, b, c, j  
2016-17: Focus on outcomes d, f, i, k  

The results are collected and stored in the Compliance Assist...
5. An understanding of professional, ethical, legal, security, and social issues and responsibilities
6. An ability to communicate effectively with a range of audiences
7. An ability to analyze the local and global impact of computing on individuals, organizations and society
8. Recognition of the need for, and an ability to engage in, continuing professional development
9. An ability to use current techniques, skills, and tools necessary for computing practices
10. An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices
11. An ability to apply design and development principles in the construction of software systems of varying complexity

Additional Outcomes or Comments:

In addition to direct assessment, our graduates are indirectly assessed by tracking their employment status upon graduation, and gathering feedback from the industry partners who hire our graduates.

G. IMPACT ON EXISTING PROGRAMS AND COURSES. Please describe the impact of this request on other programs and courses. If you are deleting a program, please describe the effect on all programs that will be impacted; if you are adding or changing a program, please explain any overlap with existing programs at the College.

CIS students will no longer take MGMT 301 and instead take DSCI 320 which affects enrollment in these courses. CIS students will no longer take ENTR 320 and 321, but instead choose from the list of courses shown above which affects enrollment in these courses. Sebastian van Delden (department chair of Computer Science) met with Joshua Davis (department chair of Supply Chain and Information Management) and Rhonda Mack (department chair of Management and Marketing) who all approve of the above changes.

H. COSTS ASSOCIATED WITH THE REQUESTED ACTION. List all of the new costs or cost savings (including new faculty/staff requests, library, or equipment) associated with your request.

No new costs associated with this proposal.

I. CHECKLIST

☐ I have completed all relevant parts of the form.

☐ I have attached a cover letter that describes my request and lists all the documents I am submitting.

☐ I have attached a Course Form for each newly-created or modified course.

☐ (For proposals that affect other departments in any way) I have attached an acknowledgement from the relevant department.

☐ I have provided the complete curriculum for the program, concentration, emphasis, etc., including the description and course list, exactly as it should appear in the catalog.

☐ I have submitted one Signature Form that lists all of the different forms I am submitting.

This form was last updated on 6/6/2013 and replaces all others.
Computer Information Systems Major Requirements
Catalog Year: 2015-16
Degree: Bachelor of Science
Credit Hours: 61+

"PR" indicates a pre-requisite. "CO" indicates a co-requisite.

Courses within this major may also satisfy general education requirements. Please consult http://registrar.cofc.edu/general-edu for more information.

Required Courses
- CSCI 115 Website Design (3) PR: None
- CSCI 215 Website Programming (3) PR: None
- CSCI 220 Computer Programming I (3) PR: CSCI 120 or CSCI 180 or MATH 111 or higher or department permission; CO: CSCI 220L
- CSCI 220L Computer Programming I Lab (1) CO: CSCI 220
- CSCI 221 Computer Programming II (3) PR: CSCI 220 with a C- or better, CSCI 220L with a C- or better; CO or PR: MATH 207
- CSCI 315 Server-Side Web Programming (3) PR: CSCI 215, CSCI 221
- CSCI 332 Database Concepts (3) PR: CSCI 221 with a C- or better, MATH 207
- CSCI 380 User Interface Development (3) PR: CSCI 221 with a C- or better, MATH 307
- CSCI 392 Seminar on Computing and Society (3) PR: CSCI 221 with a C- or better
- CSCI 459 Service-Oriented Computing (3) PR: CSCI 221; CSCI 230 or CSCI 315

Data Science Requirement
- DATA 210 Dataset Organization and Management (3) PR: None

Math Requirement
- MATH 104 Elementary Statistics (3) PR: MATH 101 or placement
  OR
- MATH 250 Statistical Methods I (3) PR: MATH 105 with a C- grade or better or MATH 111 or MATH 120 or permission of instructor
- MATH 105 Calculus for Business and the Social Sciences (3) PR: MATH 101 or placement
  OR
- MATH 120 Introductory Calculus (4) PR: Placement or C- or better in MATH 111
- MATH 207 Discrete Structures I (3) PR: MATH 105, MATH 111, or MATH 120

Communication Requirement
- COMM 104 Public Speaking (3) PR: None

Business Requirement
- ACCT 203 Financial Accounting (3) PR: Sophomore standing
- ACCT 204 Managerial Accounting (3) PR: ACCT 203, sophomore standing
- DSCI 232 Business Statistics (3) PR: MATH 104 or 250
- ENTR 320 New Venture Modeling (3) PR: ENTR 200
- ENTR 321 New Venture Planning (3) PR: ACCT 203, ENTR 200
Management and Organizational Behavior (3) PR: Junior standing

☐ DSCI 320 Management Information Systems (3) PR: Junior standing; ACCT 203, 204, DSCI 232, MATH 104 or 250

Select 6 hours from the following:

☐ DSCI 306 Intro to E-Commerce (3) PR: Junior standing, MATH 104; ACCT 203, 204; DSCI 232; DSCI 320

☐ DSCI 323 Computer-Based Decision Modeling (3) PR: None

☐ DSCI 406 Quantitative Methods and Decision Making (3) PR: Junior standing; DSCI 232; MATH 104, 105

☐ ENTR 200 Entrepreneurship Theory/Practice (3) PR: None

☐ ENTR 320 New Venture Modeling (3) PR: ENTR 200

☐ ENTR 321 New Venture Planning (3) PR: ACCT 203, ENTR 200

☐ INFM 330 Enterprise Data Management (3) PR: DSCI 320

☐ INFM 350 Business Analytics (3) PR: DATA 101, DSCI 232

☐ INFM 360 Special Topics in Info Management (3) PR: Junior standing or permission from instructor

☐ INFM 390 Enterprise Resource Planning (3) PR: DSCI 320
FACULTY CURRICULUM COMMITTEE  
SIGNATURE PAGE

- In section A, list ALL of the forms covered by this signature page. *If you submit a form that is not listed in A, your proposal will be held back until we receive a new, updated signature page.*
- You must obtain the signature of your department chair and dean before submitting your proposal.

A. FORMS COVERED BY THIS SIGNATURE PAGE. List each form you are submitting—for instance, PSYC 383, Course Form; PSYC, Change of Major Form; PSYC, Change of Minor Form.

1. CSCI 362 Course Form

B. APPROVAL AND SIGNATURES.

1. Signature of Department Chair or Program Director:
   [Signature] Date: 10/21/15

2. Signature of Academic Dean:
   [Signature] Date: 10/21/15

3. Signature of Provost:
   [Signature] Date: 11/20/15

4. Signature of Business Affairs (only for course fees):
   [Signature] Date: ________________

   □ fee approved on __________
   □ BOT approval pending

5. Signature of Curriculum Committee Chair:
   [Signature] Date: ________________

6. Signature of Budget Committee Chair (only for new programs):
   [Signature] Date: ________________

7. Signature of Academic Planning Committee Chair (only for new programs):
   [Signature] Date: ________________

8. Signature of Faculty Senate Secretary:
   [Signature] Date: ________________

Date Approved by Faculty Senate: ________________
Instructions:
- Please fill out one of these forms for each course you are adding, changing, deactivating, or reactivating.
- Fill out the parts of the form specified in part B. You must do this before your request can move forward!
- Remember that your changes will not be implemented until the next catalog year at the earliest.
- If you have questions, start by checking the instructions on the website. Please feel free to contact the committee chairs with any remaining questions you might have.

A. CONTACT/COURSE INFORMATION.

Name: Sebastian van Delden
Phone: 3-9615
Email: vandeldena@cofc.edu
Department or Program: Computer Science
School: School of Science and Math
Subject Acronym and Course Number: CSCI 362
Catalog Year in which changes will take effect: 2016-2017

B. TYPE OF REQUEST. Please check all that apply, then fill out the specified parts of the form.

☐ Add a New Course (complete parts C, D, F, G, H, I, J)
☒ Change Part of an Existing Course (complete parts C, D, E, F, G, I, J)
☐ Course Number (you must submit a course deactivation request for the old course number)
☐ Course Name
☐ Course Description
☐ Credit/Contact Hours
☒ Restrictions (prerequisites, co-requisites, junior/senior standing, etc.)
☐ Deactivate an Existing Course (complete parts C, D, E, G, I, J)
☐ Reactivate a Previously-Deactivated Course (complete parts C, D, E, G, I, J)

C. RATIONALE AND EXPLANATION. Please describe your request and explain why you are making it.

Currently, CSCI 362's prerequisite is a C- or better in CSCI 221. We have observed that students entering CSCI 362 do not have sufficient programming experience in order to perform at a high level. In order to adequately prepare students for CSCI 362, we request that a C- or better in CSCI 230 be the prerequisite for this course.

D. IMPACT ON EXISTING PROGRAMS AND COURSES. Please briefly describe the impact of your request on your own programs and courses as well other programs and courses. If another program requires the course, you must submit their written acknowledgement with this proposal. Also, the affected program must describe any change in the number of credit hours they require. Include a list of similar courses in other departments and explain any overlap.

No impact to other parts of the curriculum/program.

E. EXISTING COURSE INFORMATION. If you are proposing a new course, just leave this blank. Otherwise, please fill out all fields.

Department: Computer Science
School: SSM
Subject Acronym: CSCI
Course Number: 362

Credit hours: 3 lecture __ lab __ seminar __ independent study
Contact hours: __ lecture __ lab __ seminar __ independent study

This form was last updated on 12/13/13 and replaces all others.
Course title: Software Engineering

Course description (maximum 50 words, exactly as it appears in the catalog):

This course examines the discipline and practice of software engineering, providing historical and contemporary views, while examining software development process models with emphasis on the pertinent roles, activities, and artifacts present at each stage of development. Related ethical issues are explored.

Lectures three hours per week.

Restrictions (pre-requisites, co-requisites, majors only, etc.):

Prerequisite: CSCI 221 with a grade of C- or better

Cross-listing, if any:

Is this course repeatable? □ yes ☑ no If yes, how many total credit hours may the student earn? ___

F. NEW COURSE INFORMATION. If you are deactivating a course, leave this blank. Otherwise, please fill out all fields. For changed courses, use boldface for the information that is changing.

Department: Computer Science School: SSM Subject Acronym: CSCI Course Number: 362

Credit hours: ___ lecture ___ lab ___ seminar ___ independent study

Contact hours: ___ lecture ___ lab ___ seminar ___ independent study

Course title: Software Engineering

Course description (maximum 50 words, exactly as it appears in the catalog):

This course examines the discipline and practice of software engineering, providing historical and contemporary views, while examining software development process models with emphasis on the pertinent roles, activities, and artifacts present at each stage of development. Related ethical issues are explored.

Lectures three hours per week.

Restrictions (pre-requisites, co-requisites, majors only, etc.):

Prerequisite: CSCI 230 with a grade of C- or better

If this is a newly-created course, is it intended to be the equivalent of an existing course? □ yes ☑ no

If so, which course? ____________________

If equivalent, will the newly-created course replace the existing course? □ yes ☑ no

Note: If yes, you must deactivate that course by submitting an additional Course Form.

Cross-listing, if any (submit approval from relevant department): N/A

Note: Cross-listed courses are equivalent.

Is this course repeatable? □ yes ☑ no If yes, how many total credit hours may the student earn? ___

Is there an activity, lab, or other fee associated with this course? □ yes ☑ no What is the fee? $_____

Note: The Senate cannot approve new fees; Business Affairs will submit any such request to the Board of Trustees. The course can still be created, but the fee will not be attached until the Board has approved it.

G. COSTS. List all of the new costs or cost savings (including new faculty/staff requests, library, equipment, etc.) associated with your request.

No cost is associated with this request.
H. STUDENT LEARNING OUTCOMES AND ASSESSMENT.

<table>
<thead>
<tr>
<th>Student Learning Outcomes</th>
<th>Assessment Method and Performance Expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>What will students know and be able to do when they complete the course?</td>
<td>How will each outcome be measured? Who will be assessed, when, and how often? How well should students be able to do on the assessment?</td>
</tr>
<tr>
<td>1. The SLOs will not change for this course.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
</tr>
</tbody>
</table>

How does this course align with the student learning outcomes articulated for the major, program, or general education? What program-level outcome or outcomes does it support? Is the content or skill introduced, reinforced, or demonstrated in this course?

I. PROGRAM CHANGES. Will this course be added to the existing degree requirements or list of approved electives of a major, minor, or concentration? ☐ yes ☒ no

If yes, please attach a Change Minor and/or Change Major/Program Form as appropriate.

J. CHECKLIST.

☐ I have completed all relevant parts of the form.

☐ I have attached a cover letter that describes my request and lists all the documents I am submitting.

☐ (For new courses only) I have attached a syllabus.

☐ (For courses used in any way by other departments, including cross-listing) I have attached an acknowledgement from the relevant department.

☐ (For courses intended to fulfill a Gen Ed requirement) I have submitted the proposal to the Gen Ed committee.

☐ I have submitted one Signature Form that lists all of the different forms I am submitting.

This form was last updated on 12/13/13 and replaces all others.