Contact Name: Anthony Leclerc  Email: leclerca@cofc.edu  Phone: 953-5963

Department Name: Computer Science  Graduate Program name: Computer and Information Sciences

Course Prefix, Number, and Title: CSIS 631, Privacy and Security Issues

I. CATEGORY OF REVIEW (Check all that apply)

NEW COURSE  CHANGE COURSE  DELETE COURSE

☐ New Course  ☐ Change Number (IV, VII, VIII, IX)  ☐ Delete Course (IV, VII, IX)

(attach syllabus*)  ☑ Change Title (IV, VII, VIII, IX)
☐ Change Credits/Contact hours (II, IV, VII, IX)
☐ Prerequisite Change (IV, VII, VIII, IX)
☐ Edit Description (III, IV, VII, VIII, IX)

☐ Approve for Cross-listing (attach Graduate Permission to Cross-list Form)

Date (Semester/Year) the course will first be offered, course changes or deletion will go into effect: Spring 2015

NEW COURSE:

*ATTACH THE SYLLABUS FOR A NEW GRADUATE COURSE to include:

- Course description and objectives
- Method of teaching (e.g., lecture, seminar, on-line, hybrid)
- Required and optional texts and materials
- Graduate School Grading Scale
- Assignments, student learning outcomes and assessment components
- Policies to include attendance, Honor Code, American Disabilities Act statement
- Tentative course schedule with specific topics
List prerequisites and / or other restrictions below

Will this course be added to the Degree Requirements?

a) □ Yes  □ No

b) If yes, explain

II. NUMBER OF CREDITS and CONTACT HOURS per week

A. Contact Hours

B. Credit Hours

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

III. CATALOG DESCRIPTION L**im**it to 50 words EXACTLY as you want it to appear in the catalog; include prerequisites, co-requisites, and other restrictions. If changing course description, please include both old and new course descriptions.
IV. RATIONALE / JUSTIFICATION: If course change – please indicate the course change details. If course change or deletion—please provide reasons for change(s) to or deletion of a course. If a new course—briefly address the goals/objectives for the course and the relationship to the strategic plan.

The proposal is to change the course from the current title: Privacy and Security Issues

To a title that better reflects the course content: Principles of Computer Security

V. 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.</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?
VII. IMPACT ON EXISTING PROGRAMS and COURSES: Please briefly document the impact and expected changes of this new/changed/deleted course on other departments, programs and courses; if deleting a course—list all departments and programs that include the course; if adding/changing a course—explain any overlap with existing courses in the same or different departments; if adding or deleting a course that will be part of a joint program identify the partner institution.

No impact on existing programs and courses.

VIII. COSTS ASSOCIATED WITH THE ACTION REQUESTED: List all of the new costs or cost savings, (including new faculty/staff requests, library or equipment, etc.) associated with the action requested. New courses requiring additional resources will need special justification.

No additional costs or cost savings.
• Cybersecurity specialization: networking and operating system theory.
• Note: Undergraduate courses are available for completing the competency requirements.

Transfer Credit Policy
An applicant or student of the M.S. in Computer and Information Sciences program can seek approval from the Joint Program Committee to accept up to nine transfer credit hours. These courses must have a grade of B or higher, and can count toward the M.S. in Computer and Information Sciences degree requirements. Courses with a grade of “Pass” or “Satisfactory” will not be accepted.

Plan of Study
A plan of study must be approved by the program director and would include a list of any required undergraduate competency courses.

B.S./M.S. Degree Requirements
The College of Charleston offers a Bachelor of Science/Master of Science in Computer and Information Sciences program. For selected students, permitting up to 12 hours of graduate-level course work taken as an undergraduate as early as the junior year to count towards the Bachelor of Science in Computer Science degree and the Master of Science in Computer and Information Sciences degree allows for the design of a plan for completing a Bachelor of Science in Computer Science degree and a Master of Science in Computer and Information Sciences degree in five years. An undergraduate student in the five-year plan taking a graduate level course during the junior and senior years for both undergraduate and graduate credit would in every respect be treated as a graduate student in the course. The reason for including this option is to allow outstanding and motivated computer science majors to earn graduate credit during their junior and senior years and earn a Master's degree in Computer and Information Sciences in a shorter time. Students enrolled in this program typically complete their M.S. degree within one calendar year after receiving the B.S. The combined degree is designed to integrate undergraduate- and graduate-level research and to give the selected students an outstanding preparation for entering a Ph.D. program in computer and information sciences or related fields.

Master of Science in Computer and Information Sciences Degree Requirements
The Master of Science in computer and information sciences degree is conferred upon those candidates who successfully complete an approved program of study consisting of a minimum of 33 semester hours of graduate credit (of which no more than nine may be transfer credits) with a cumulative GPA of 3.0.

All specializations require the four core courses below plus the courses outlined within each specialization. Any specialization with fewer than 18 credit hours will not appear on students' transcripts. No course may fulfill the requirement for more than one specialization.

| CSIS 601 | Data Modeling and Database Design |
| CSIS 602 | Foundations of Software-Engineering |
| CSIS 603 | Object-Oriented Design Patterns |
| CSIS 604 | Distributed Computer Systems Architecture |

Computer Science Specialization
The student will complete three courses from among the following:

| CSIS 612 | Advanced Computer Architecture |
| CSIS 614 | Advanced Operating Systems |
| CSIS 616 | Automata Theory |
| CSIS 618 | Programming-Languages |

And one additional course from among CSIS 612, 614, 616, 618 (if not used above) and

| CSIS 638 | Advanced Topics in Database Systems |
| CSIS 674 | Introduction to Computer-Graphics |
| CSIS 690 | Special Topics (if subject matter is appropriate for the Computer Science specialization as determined by the Joint Committee for the MS-CSIS) |

Information Systems Specialization
The student will complete the following two courses:

| CSIS 631 | Privacy and Security Issues |
| CSIS 632 | Data Communications and Networking |

And two additional courses, chosen from among:

| CSIS 634 | Project Change and management |
| CSIS 636 | IT Policy and Strategy |
| CSIS 638 | Advanced Topics in Database Systems |
| CSIS 659 | Service-Oriented Computing |
| CSIS 672 | Human Computer Interaction |
| CSIS 690 | Special Topics (if subject matter is appropriate for the Information Systems specialization as determined by the Joint Committee for the MS-CSIS) |

Software Engineering Specialization
The student will complete:

| CSIS 656 | Software Systems Design and Implementation |

Either:

| CSIS 654 | Software Requirements Analysis and Specification or |
| CSIS 658 | Software Testing and Maintenance |

And two additional courses, chosen from among the following:

| CSIS 654 | or 658 if not used above |
| CSIS 634 | Project Change and Management |
| CSIS 657 | Embedded Systems Design |
| CSIS 659 | Service-Oriented Computing |
| CSIS 672 | Human-Computer Interaction |
| CSIS 690 | Special Topics (if subject matter is appropriate for the Software Engineering specialization as determined by the Joint Committee for the MS-CSIS) |

Principles of Computer Security
Cybersecurity Specialization

The specialization will consist of four courses:

- CSIS 614  Advanced Operating Systems
- CSIS 631  Privacy and Security Issues
- CSIS 632  Data Communications and Networking
- CSIS 641  Advanced Cybersecurity
Syllabus
CSCI/CSIS 631 – Principles of Computer Security
Fall 2014

1.0 General Information

Class Time: Monday 6:30 PM – 9:00 PM

Class Location: Harbor Walk East Room 300
Third Floor
360 Concord St
Charleston SC 29401

Instructor: Dr. Shankar M Banik
Office: Thompson Hall
Room 222
The Citadel
Email: shankar.banik@citadel.edu

Instructor Office Hours:
Monday 10:00 AM – 12:00 PM
Wednesday 10:00 AM – 12:00 PM
Friday 10:00 AM – 12:00 PM

2.0 Course Description

A survey of the principles and practices related to computer security. The course concentrates on the problems of security associated with computer systems and emphasizes the application of cryptography to address those problems.

3.0 Course Objectives

This course aims to
- classify the types of service associated with security;
- discuss the relationship between policy and security;
- present the role of cryptography in security focusing on applications and issues such as key management;
- examine the mathematical concepts supporting public key encryption;
- investigate different intrusion detection techniques;
4.0 Course Outcomes

Upon successful completion of this course, students
- will be able to understand the concept of policies and mechanisms of computer security;
- understand different models of confidentiality and integrity;
- will be able to analyze different cryptographic techniques;
- understand the concepts of key management and authentication;
- understand the features of different malicious logics; and
- will be able to analyze different intrusion detection techniques.

5.0 Course Material

- Course handouts (will be given in the class).

6.0 Tentative List of Topics

- An Overview of Computer Security
- Access Control Matrix
- Security Policies
- Confidentiality Policies, Integrity Policies, Hybrid Policies
- Cryptography – Classical and Public-key
- Key Management
- Cipher Techniques
- Authentication Mechanisms
- Representing Identity
- Access Control Mechanisms
- Malicious Logic
- Intrusion Detection
- Network Security
7.0 Required Work

- **Homework**
  - There will be approximately five homeworks. Each homework should be turned in at the beginning of the class on the due date. The homework must be typed. Late and/or illegible work will not be accepted. For every 24 hours late, you will be deducted 10% of the grade of the homework. Any homework that is more than 5 days late will not be evaluated.

- **Term Project**
  - Students will be expected to conduct research on a topic related to computer security. They will be expected to write a proposal, write a research report and give a presentation in the class. A handout on the project details will be given in the class.

- **In-class Examinations**
  - There will be two In-class Exams during the semester. Tentative dates for these Examinations are Monday, October 6 and Monday, November 17 during the lecture class. Missing an examination without a previously approved excuse will result in a grade of zero for that examination. Makeup examinations are never available.

8.0 Course Policies

**Class Attendance and Discussion:** It is advised that students attend all lectures. Everyone in the class is expected to participate in the class discussion.

**Class Webpage:** All course materials and grades will be posted on CitLearn.

**E-mail:** Any announcement will be sent through email. Class emails are sent to your official email address using CitLearn. You are responsible for making sure that you are receiving class e-mails. It is your responsibility to have your official email account working properly and forwarding to the location where you read emails.

**Grading:** There are four components to the course grade. They are weighted as follows.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-class Exam I</td>
<td>25</td>
</tr>
<tr>
<td>In-class Exam II</td>
<td>25</td>
</tr>
<tr>
<td>Homeworks</td>
<td>30</td>
</tr>
<tr>
<td>Term Project</td>
<td>20</td>
</tr>
</tbody>
</table>
The grading scale will be no higher than the following. It may be lower at the discretion of the instructor.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B+</td>
<td>85-89</td>
</tr>
<tr>
<td>B</td>
<td>80-84</td>
</tr>
<tr>
<td>C+</td>
<td>75-79</td>
</tr>
<tr>
<td>C</td>
<td>70-74</td>
</tr>
</tbody>
</table>

**Grading Policies**

- If you have a question about the grading of a homework, please see the instructor during his office hours. All disagreements about the grading of a homework must be brought to the attention of the instructor within one week of when the item was returned.
- If there is a dispute about the grading of an examination problem, you may stay after the class the day the exams are returned to discuss it with the instructor. If you cannot stay at this time, return the paper to the instructor at the end of class and visit with the instructor during his office hours. **ONCE AN EXAM HAS BEEN REMOVED FROM THE CLASSROOM AFTER IT HAS BEEN RETURNED, THE GRADE IS FINAL AND WILL NOT BE CHANGED, EVEN IF IT IS FOUND TO BE IN ERROR.**

**Disability**

*Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact the instructor personally as soon as possible so that accommodations necessary can be made to ensure full participation and to facilitate educational opportunities.*

**Academic Misconduct**

All work submitted for an individual grade, including homework and term project, should be the work of that single individual, and not their friends, nor their tutor. It is your responsibility to be familiar with the Academic Policies of The Citadel and College of Charleston. Ignorance of these policies is not an excuse for violating them.
IX. APPROVAL AND SIGNATURES

Signature of Program Director: 
[Signature] Date: 8/28/2014

Signature of Department Chair: 
[Signature] Date: August 28, 2014

Signature of Additional Chair*: 
[Signature] Date: 

Signature of Schools’ Dean: 
[Signature] Date: 9/5/2014

Signature of Additional Schools’ Dean*: 
[Signature] Date: 

Signature of the Provost: 
[Signature] Date: 9/18/14

Signature of Budget Director/Business Affairs Office: 
[Signature] Date: 

*For interdisciplinary courses

Return form to the Graduate School Office for Further Processing

Signature of Chair of the Faculty Committee on Graduate Education, Continuing Education & Special Programs: 
[Signature] Date: 10/21/14

Signature of Chair of the Graduate Council: 
[Signature] Date: 10/21/14

Signature of Faculty Senate Secretary: 
[Signature] Date: 

Date Approved by Faculty Senate: 

Contact Name: Anthony Leclerc  Email: leclerc@cofc.edu  Phone: 953-5963

Department and School Name: Computer Science  Name and Acronym of Graduate Program: Cybersecurity Certificate, CSIS

Date (Semester/Year) changed/deleted program will take effect: Spring 2015

I. CATEGORY OF REVIEW (Check all that apply)

☒ Change Request (attach details):
☐ Add existing course or courses to requirements or electives
☐ Add new course(s) to requirements or electives (complete and attach COURSE FORM for each)
☐ Delete courses from requirements or electives
☐ Add new emphasis (check one): ☐ concentration ☐ track  Total # of hours:
(note: any emphasis involving more than 18 credit hours will also require CHE approval)

☐ Terminate Program (check one): ☐ Degree  ☐ Certificate  ☐ Emphasis (concentration/track)
(if checked, skip section II, IV, V, and VII below)

Are students currently enrolled in the program? ☐ Yes  ☐ No
If yes, what semester will students complete the program?
If the program termination includes deleting courses from the inventory, a COURSE FORM must be included with this form for each course deletion.

☐ Interdisciplinary (attach evidence of acknowledgement from relevant departments)

II. DESCRIPTION OF CHANGES: If a changed program—please explain changes below; if a new emphasis—please provide the details below. Attach a printout of the respective program(s) degree requirements from the graduate catalog and mark up proposed changes with red ink.

Change course title for CSIS 631 from: “Privacy and Security Issues”
to: “Principles of Computer Security”

III. RATIONALE or JUSTIFICATION
For changes or termination, please provide a detailed justification. For a new emphasis, briefly address the goals/objectives for the new emphasis, provide evidence of student interest (i.e., has the program offered special topics courses in this area? has the program interviewed student focus groups as part of an internal assessment? etc.), and explain how the emphasis supports the liberal arts tradition and the mission of the institution.

The current title of course CSIS 631, “Privacy and Security Issues”, does not reflect the technical aspect of the course. Rather, the title creates confusion among non-technical community who think that the course is designed for teaching privacy and security issues related to any discipline or study. The joint Citadel/College of Charleston Computer Science Graduate Curriculum Committee decided to propose a change to the course title. The proposed title is, “Principles of Computer Security”.

IV. CURRICULUM

Provide the COMPLETE curriculum for the changed program and/or new emphasis distinguishing between required and elective courses. Note pre-requisite courses where appropriate. Note any sequencing of courses or requirements in the program, listed exactly as it should appear in the catalog.

The curriculum itself is not changing. No new emphasis is being proposed. No change in required or elective courses is being proposed. The only change is in the title of the course for CSIS 631.

Attach the completed COURSE FORM and a sample syllabus for each new course.

Is a syllabus for each new course attached?  [ ] Yes  [ ] No

V. STUDENT LEARNING OUTCOMES and ASSESSMENT
<table>
<thead>
<tr>
<th>Program-Level 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 program/emphasis? Attach Curriculum Map.</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>
</tbody>
</table>

1.  

2.  

3.  

4.  

Additional Outcomes or Comments:  
Only a title change is being proposed. Outcomes and assessment for the program are unchanged.  

**VI. IMPACT ON EXISTING PROGRAMS and COURSES**  
*Please briefly document the impact of this changed/deleted program or new emphasis on other programs and courses; if changing/deleting a program—list all programs that will be impacted (and how); if adding a new emphasis—explain any overlap with existing programs or courses in the same or different departments.*

No impact on existing programs and courses will result from the course title change.  

Is this changed/deleted program used by others?  
☐ Yes  
☐ No  
If yes, please provide a letter of support in each case.  

**VII. COSTS ASSOCIATED WITH THE ACTION REQUESTED**  
*List all of the new costs or cost savings, (including new faculty/staff requests, library or equipment, etc.) associated with the action requested.*

No new costs or cost savings will result from the proposed course title change.
VIII. APPROVAL and SIGNATURES

Signature of Program Director: 

[Signature]

Date: 9/19/2014

Signature of Department Chair: 

[Signature]

Date: Sept. 19, 2014

Signature of School Dean: 

[Signature]

Date: 9/24/2014

Signature of the Provost: 

[Signature]

Date: 9/30/14

Return form to the Graduate School Office for Further Processing

Signature of Chair of the Faculty Committee on Graduate Education, Continuing Education & Special Programs: 

[Signature]

Date: 9/30/14

Signature of Chair of the Graduate Council:

[Signature]

Date: 10/17/14

Signature of Faculty Senate Secretary:

Date: 

Date Approved by Faculty Senate: 

September 2014

Page 4
Dr. Amy McCandless, Dean of the Graduate School  
The University of Charleston  
86 George Street  
Charleston, SC 29424

Dear Dean McCandless:

Please use this letter as my official endorsement of the proposed Master’s degree in Fine Arts (MFA). As I am sure you will agree, Charleston is a city with a long-standing commitment to the arts and it hosts and supports numerous events for the artistically inclined. Consequently, an M.F.A. degree will be a welcome addition to the educational opportunities in Charleston. Please let me know if I can be of further assistance on this, or any other matter. In the interim, I remain,

Cordially,

Bob Hartmann McNamara, Ph.D.  
Associate Provost and Dean of the Graduate College
FACULTY COMMITTEE ON GRADUATE EDUCATION, CONTINUING EDUCATION AND SPECIAL PROGRAMS
GRADUATE PROGRAM ADD/CHANGE/DELETE FORM

Contact Name: Anthony Leclerc  
Email: leclerca@cofc.edu  
Phone: 953-5963

Department and School Name: Computer Science
Systems, CSIS

Name and Acronym of Graduate Program: Information

Date (Semester/Year) changed/deleted program will take effect: Spring 2015

I. CATEGORY OF REVIEW (Check all that apply)

- Change Request (attach details):
  - Add existing course or courses to requirements or electives
  - Add new course(s) to requirements or electives (complete and attach COURSE FORM for each)
  - Delete courses from requirements or electives
  - Add new emphasis (check one): ☐ concentration  ☐ track  Total # of hours: (note: any emphasis involving more than 18 credit hours will also require CHE approval)

- Terminate Program (check one): ☐ Degree  ☐ Certificate  ☐ Emphasis (concentration/track)
  (if checked, skip section II, IV, V, and VII below)

  Are students currently enrolled in the program? ☐ Yes  ☐ No
  If yes, what semester will students complete the program?

  If the program termination includes deleting courses from the inventory, a COURSE FORM must be included with this form for each course deletion.

- Interdisciplinary (attach evidence of acknowledgement from relevant departments)

II. DESCRIPTION OF CHANGES: If a changed program—please explain changes below; if a new emphasis—please provide the details below. Attach a printout of the respective program(s) degree requirements from the graduate catalog and mark up proposed changes with red ink.

Change course title for CSIS 631 from: “Privacy and Security Issues”
to: “Principles of Computer Security”

III. RATIONALE or JUSTIFICATION
For changes or termination, please provide a detailed justification. For a new emphasis, briefly address the goals/objectives for the new emphasis, provide evidence of student interest (i.e., has the program offered special topics courses in this area? has the program interviewed student focus groups as part of an internal assessment? etc.), and explain how the emphasis supports the liberal arts tradition and the mission of the institution.

The current title of course CSIS 631, “Privacy and Security Issues”, does not reflect the technical aspect of the course. Rather, the title creates confusion among non-technical community who think that the course is designed for teaching privacy and security issues related to any discipline or study. The joint Citadel/College of Charleston Computer Science Graduate Curriculum Committee decided to propose a change to the course title. The proposed title is, “Principles of Computer Security”.

IV. CURRICULUM

Provide the COMPLETE curriculum for the changed program and/or new emphasis distinguishing between required and elective courses. Note pre-requisite courses where appropriate. Note any sequencing of courses or requirements in the program, listed exactly as it should appear in the catalog.

The curriculum itself is not changing. No new emphasis is being proposed. No change in required or elective courses is being proposed. The only change is in the title of the course for CSIS 631.

Attach the completed COURSE FORM and a sample syllabus for each new course.

Is a syllabus for each new course attached?  ☑ Yes  ☐ No

V. STUDENT LEARNING OUTCOMES and ASSESSMENT
<table>
<thead>
<tr>
<th>Program-Level 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 program/emphasis? Attach Curriculum Map.</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>
</tbody>
</table>

1. 

2. 

3. 

4. 

Additional Outcomes or Comments:  
Only a title change is being proposed. Outcomes and assessment for the program are unchanged.

VI. IMPACT ON EXISTING PROGRAMS and COURSES Please briefly document the impact of this changed/deleted program or new emphasis on other programs and courses; if changing/deleting a program—list all programs that will be impacted (and how); if adding a new emphasis—explain any overlap with existing programs or courses in the same or different departments.

No impact on existing programs and courses will result from the course title change.

Is this changed/deleted program used by others?  □ Yes  □ No  
If yes, please provide a letter of support in each case.

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

No new costs or cost savings will result from the proposed course title change.
VIII. APPROVAL and SIGNATURES

Signature of Program Director: [Signature] Date: 9/19/2014

Signature of Department Chair: [Signature] Date: Sept. 19, 2014

Signature of School Dean: [Signature] Date: 9/24/14

Signature of the Provost: [Signature] Date: 9/30/14

Return form to the Graduate School Office for Further Processing

Signature of Chair of the Faculty Committee on Graduate Education, Continuing Education & Special Programs: [Signature] Date: 10/17

Signature of Chair of the Graduate Council: [Signature] Date: 10/17/14

Signature of Faculty Senate Secretary: 

Date: 

Date Approved by Faculty Senate: 

September 2014
FACULTY COMMITTEE ON GRADUATE EDUCATION, CONTINUING EDUCATION AND SPECIAL PROGRAMS

GRADUATE PROGRAM ADD/CHANGE/DELETE FORM

Contact Name: Anthony Leclerc  
Email: leclerca@cofc.edu  
Phone: 953-5963

Department and School Name: Computer Science  
Cybersecurity Specialization, CSIS

Name and Acronym of Graduate Program:

Date (Semester/Year) changed/deleted program will take effect: Spring 2015

I. CATEGORY OF REVIEW (Check all that apply)

☒ Change Request (attach details):  
☐ Add existing course or courses to requirements or electives  
☐ Add new course(s) to requirements or electives (complete and attach COURSE FORM for each)  
☐ Delete courses from requirements or electives  
☐ Add new emphasis (check one): ☐ concentration ☐ track  
Total # of hours:  
(note: any emphasis involving more than 18 credit hours will also require CHE approval)

☐ Terminate Program (check one): ☐ Degree ☐ Certificate ☐ Emphasis (concentration/track)  
(if checked, skip section II, IV, V, and VII below)

Are students currently enrolled in the program? ☐ Yes  ☐ No  
If yes, what semester will students complete the program?

If the program termination includes deleting courses from the inventory, a COURSE FORM must be included with this form for each course deletion.

☐ Interdisciplinary (attach evidence of acknowledgement from relevant departments)

II. DESCRIPTION OF CHANGES: If a changed program—please explain changes below; if a new emphasis—please provide the details below. Attach a printout of the respective program(s) degree requirements from the graduate catalog and mark up proposed changes with red ink.

Change course title for CSIS 631 from: “Privacy and Security Issues”  
to: “Principles of Computer Security”

III. RATIONALE or JUSTIFICATION
For changes or termination, please provide a detailed justification. For a new emphasis, briefly address the goals/objectives for the new emphasis, provide evidence of student interest (i.e., has the program offered special topics courses in this area? has the program interviewed student focus groups as part of an internal assessment? etc.), and explain how the emphasis supports the liberal arts tradition and the mission of the institution.

The current title of course CSIS 631, “Privacy and Security Issues”, does not reflect the technical aspect of the course. Rather, the title creates confusion among non-technical community who think that the course is designed for teaching privacy and security issues related to any discipline or study. The joint Citadel/College of Charleston Computer Science Graduate Curriculum Committee decided to propose a change to the course title. The proposed title is, “Principles of Computer Security”.

IV. CURRICULUM

Provide the COMPLETE curriculum for the changed program and/or new emphasis distinguishing between required and elective courses. Note pre-requisite courses where appropriate. Note any sequencing of courses or requirements in the program, listed exactly as it should appear in the catalog.

The curriculum itself is not changing. No new emphasis is being proposed. No change in required or elective courses is being proposed. The only change is in the title of the course for CSIS 631.

Attach the completed COURSE FORM and a sample syllabus for each new course.

Is a syllabus for each new course attached?  ☑ Yes  ☐ No

V. STUDENT LEARNING OUTCOMES and ASSESSMENT
<table>
<thead>
<tr>
<th>Program-Level 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 program/emphasis? Attach Curriculum Map.</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>
</tbody>
</table>

1.

2.

3.

4.

Additional Outcomes or Comments:
Only a title change is being proposed. Outcomes and assessment for the program are unchanged.

VI. IMPACT ON EXISTING PROGRAMS and COURSES Please briefly document the impact of this changed/deleted program or new emphasis on other programs and courses; if changing/deleting a program—list all programs that will be impacted (and how); if adding a new emphasis—explain any overlap with existing programs or courses in the same or different departments.

No impact on existing programs and courses will result from the course title change.

Is this changed/deleted program used by others? □ Yes □ No
If yes, please provide a letter of support in each case.

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

No new costs or cost savings will result from the proposed course title change.
VIII. APPROVAL and SIGNATURES

Signature of Program Director: 

Date: 9/19/2014

Signature of Department Chair:

Date: Sept 19, 2014

Signature of School Dean:

Date: 9/24/2014

Signature of the Provost:

Date: 9/30/14

Return form to the Graduate School Office for Further Processing

Signature of Chair of the Faculty Committee on Graduate Education, Continuing Education & Special Programs:

Date: 9/30/14

Signature of Chair of the Graduate Council:

Date: 10/17/14

Signature of Faculty Senate Secretary:

Date: 

Date Approved by Faculty Senate: 

September 2014 Page 4