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| For Academic Affairs and Research Use Only | |
| Proposal Number |  |
| CIP Code: |  |
| Degree Code: |  |

**New or Modified Course Proposal Form**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| --- |
| **[ ]New Course, [ ]Experimental Course (1-time offering), or [X]Modified Course (Check one box)** |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

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| Kelly Fish 9/17/2020 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| James Doering 9/17/2020 **Department Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (if applicable)** |
| Melodie Philhours 9/24/2020  **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Director of Assessment (new courses only)** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| Melody Lo 9/24/2020 **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (if applicable)** |  |

1. **Contact Person (Name, Email Address, Phone Number)**

Henry Torres, Instructor [E-mail: [htorres@astate.edu](mailto:rsegall@astate.edu) & Phone: 870-680-4238]

Arkansas State University

Neil Griffin College of Business

Department of Computer & Information Technology

State University, AR 72467-0130

1. **Proposed starting term and Bulletin year for new course or modification to take effect**

**Fall 2021**

**Instructions:**

*Please complete all sections unless otherwise noted. For course modifications, sections with a “Modification requested?” prompt need not be completed if the answer is “No.”*

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|  | **Current (Course Modifications Only)** | **Proposed (New or Modified)**  *(Indicate “N/A” if no modification)* |
| **Prefix** | **CIT** | **N/A** |
| **Number\*** | **4623** | **N/A** |
| **Title** | **Computer Security** | **Information Systems Security** |
| **Description\*\*** | In this source, we discuss the primary topics of computer security needed by IT professionals in both commercial and military installations. This includes asset security, network security, access security, operational security, physical security, and overall management of security issues. | This course will provide a basic introduction to of all aspects of information systems (IS) security including business, policy and procedures, communications security, network security, security management, legal issues, political issues, and technical issues. |

***\**** (Confirm with the Registrar’s Office that number chosen has not been used before and is available for use. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*. )

\*\*Forty words or fewer as it should appear in the Bulletin.

1. **Proposed prerequisites and major restrictions** **[Modification requested? Yes]**

(Indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

1. Yes. Are there any prerequisites?
   1. If yes, which ones?

**CIT 3013 Management Information Systems or equivalent**

* 1. Why or why not?

Students will need fundamental understanding of MIS

1. No. Is this course restricted to a specific major?
   1. If yes, which major?
2. **Proposed course frequency [Modification requested? No]**

(e.g. Fall, Spring, Summer; if irregularly offered, please indicate, “irregular.”) *Not applicable to Graduate courses.*

1. **Proposed course type [Modification requested? No]**

Will this course be lecture only, lab only, lecture and lab, activity (e.g., physical education), dissertation/thesis, capstone, independent study, internship/practicum, seminar, special topics, or studio? Please choose one.

Enter text...

1. **Proposed grade type [Modification requested? No]**

What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])

1. **No.** Is this course dual-listed (undergraduate/graduate)?
2. **No.** Is this course cross-listed?

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross-listed course.)*

**a.** – If yes, please list the prefix and course number of the cross-listed course.

Enter text...

**b.** – **Yes / No** Can the cross-listed course be used to satisfy the prerequisite or degree requirements this course satisfies?

Enter text...

1. **No.** Is this course in support of a new program?

a. If yes, what program?

Enter text...

1. **Yes.** Will this course be a one-to-one equivalent to a deleted course or previous version of this course (please check with the Registrar if unsure)?

a. If yes, which course?

CIT 4623 Computer Security

**Course Details**

1. **Proposed outline** **[Modification requested? No]**

(The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

1. **Proposed special features** **[Modification requested? No]**

(e.g. labs, exhibits, site visitations, etc.)

1. **Department staffing and classroom/lab resources**

Enter text...

1. Will this require additional faculty, supplies, etc.?

No

1. No Does this course require course fees?

*If yes: please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Justification**

**Modification Justification (Course Modifications Only)**

1. Justification for Modification(s)

This course is a business management perspective of information systems security. The focus is on the business use case where students will engage in simple case studies, live and/or current data breach cases, exposure to real IS security threats and the tools available to protect against these threats so as to gain an understanding of the underlying workings so they may distinguish and/or diagnose IS security vulnerabilities and communicate effectively with business managers and future employers.

**New Course Justification (New Courses Only)**

1. Justification for course. Must include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

b. How does the course fit with the mission of the department? If course is mandated by an accrediting or certifying agency, include the directive.

c. Student population served.

d. Rationale for the level of the course (lower, upper, or graduate).

**Assessment**

**Assessment Plan Modifications (Course Modifications Only)**

1. No. Do the proposed modifications result in a change to the assessment plan?

*If yes, please complete the Assessment section of the proposal*

**Relationship with Current Program-Level Assessment Process (Course modifications skip this section unless the answer to #18 is “Yes”)**

1. What is/are the intended program-level learning outcome/s for students enrolled in this course? Where will this course fit into an already existing program assessment process?

Enter text...

1. Considering the indicated program-level learning outcome/s (from question #19), please fill out the following table to show how and where this course fits into the program’s continuous improvement assessment process.

*For further assistance, please see the ‘Expanded Instructions’ document available on the UCC - Forms website for guidance, or contact the Office of Assessment at 870-972-2989.*

|  |  |
| --- | --- |
| **Program-Level Outcome 1 (from question #19)** |  |
| Assessment Measure | Please include direct and indirect assessment measure for outcome. |
| Assessment  Timetable | What semesters, and how often, is the outcome assessed? |
| Who is responsible for assessing and reporting on the results? | Who (person, position title, or internal committee) is responsible for assessing, evaluating, and analyzing results, and developing action plans? |

*(Repeat if this new course will support additional program-level outcomes)*

**Course-Level Outcomes**

1. What are the course-level outcomes for students enrolled in this course and the associated assessment measures?

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| **Outcome 1** | Explain and describe the broad set of technical, social & political aspects of Information Systems Security |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on graded computer lab assignments, homework, and exams. |

*(Repeat if needed for additional outcomes)*

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| **Outcome 2** | Identify, distinguish, and/or diagnose the vulnerabilities and threats posed by criminals, terrorist and nation states to national infrastructure |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on graded computer lab assignments, homework, and exams. |

*(Repeat if needed for additional outcomes)*

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| **Outcome 3** | Explain and describe the nature of secure software development, operating systems and data base design |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on graded computer lab assignments, homework, and exams. |

*(Repeat if needed for additional outcomes)*

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| **Outcome 4** | Recognize, identify, and explain the role information systems security management plays in cyber security defense |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on graded computer lab assignments, homework, and exams. |

*(Repeat if needed for additional outcomes)*

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| **Outcome 5** | Explain and describe the security management methods to maintain information systems security protection |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on completed team project and team presentation. |

*(Repeat if needed for additional outcomes)*

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| **Outcome 6** | Explain and communicate the legal and social issues at play in developing information systems security solutions. |
| Which learning activities are responsible for this outcome? | Assigned readings, lecture, lab assignments, and activities. |
| Assessment Measure | Scores on completed team project and team presentation. |

*(Repeat if needed for additional outcomes)*

**Bulletin Changes**

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| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** |

**CIT 4623 ~~Computer~~ Information Systems Security** - ~~Discusses the primary topics of computer security needed by IT professionals in both commercial and military installations. Includes access control, cryptography, continuity planning, physical security, and the overall management of security issues.~~ Pre/Co-requisite, CIT 3013. Spring.

**CIT 4623 Information Systems Security** - This course will provide a basic introduction to of all aspects of information systems (IS) security including business, policy and procedures, communications security, network security, security management, legal issues, political issues, and technical issues. Pre/Co-requisite, CIT 3013. Spring

Also as shown in pp. 124 and 455 of the Comprehensive bulletin changes for NGCOB CIT curriculum revision file:

