|  |  |
| --- | --- |
| **School or Division** | School of Business and Technology |
| **Program or Certificate or** | AS, Network Systems Technology |
| **New degree or certificate program** | List new degree or certificate program here |
| **Proposed by (faculty only)** | Andrew Blitz |
| **Presenter (faculty only)** | Andrew Blitz |
| Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and must be submitted for a later date. |
| **Submission date** | 11/7/2014 |
| **Course prefix, number, and title** | CGS 2135 Introduction to Computer Forensics |

**Section I, New Course Information (must complete all items)**

|  |  |
| --- | --- |
| **List School or Division** | School of Business and Technology |
| **List course prerequisite(s) and minimum grade(s)(must include minimum grade if higher than a “D”)** | CNT1000 and CGS2260 **OR** (CTS1131 and CTS1133)  |
| **Will students be taking any of the prerequisites listed for this course in different parts of the same term (ex. Term A and Term B)** | No |
| **List course corequisites** | N/A |
| **Is any corequisite for this course listed as a corequisite on its paired course?**(Ex. CHM 2032 is a corequisite for CHM 2032L, and CHM 2032L is a corequisite for CHM 2032) | NoN/A |
| **Course credits or clock hours** | 3 |
| **Contact hours (faculty load)** | 3 |
| **Select grade mode** | Standard Grading (A, B, C, D, F) |
| **Credit type** | College Credit |
| **Course description** (provide below) |
| This hands-on introductory course provides students with the knowledge and skills necessary to begin a computer-based investigation. The course begins with an overview of computer forensics and then proceeds to introduce forensics tools, concepts, and documentation of evidence/procedures. The course uses common and accepted Incident Response Policies and Procedures for previewing and securing digital evidence. Topics include the basics of computer evidence and basic forensic methodology. |

|  |
| --- |
| **General topic outline** (type in outline below) |
| * Understanding Digital Forensics
* The investigator and Forensic tools
* Data Acquisition and Crime Scene Processing
* Working with Windows, Macintosh and Linux
* Live, Network, and Virtual Machine Forensics
* Email and Cloud investigations
* Report Writing and Testimony
* Ethics for the investigator and expert witness
 |

**Learning Outcomes:**For information purposes only. Type in all learning outcomes, assessments, and general education competencies as they should be displayed in the syllabus. More rows can be added if necessary.

|  |  |  |
| --- | --- | --- |
| **Learning Outcomes** | **Assessments** | **General Education Competencies** |
| Describe computer forensics, computer evidence and their relationship to oneAnother | Hands on labs and exams | QR |
| Explain basic forensic methodology | Hands on labs and exams |  |
| Demonstrate how to acquire electronic evidence without altering or damaging the original | Hands on labs and exams | TIM |
| Demonstrate how to analyze electronic data without modifying it | Hands on labs and exams | CT |
| Demonstrate how to recover data which has been deleted | Hands on labs and exams |  |

|  |  |
| --- | --- |
| **ICS code for this course** | ADVANCED AND PROFESSIONAL - 1.16.07 - COMPUTER & INFO SCIENCE |
| **Should any major restriction(s) be listed on this course? If so, select "yes" and list the appropriate major restriction code(s) or select "no".** | NoN/A |
| **Is the course an “International or Diversity Focus” course?** | No, not International or Diversity Focus |
| **Is the course a General Education course?** | No |
| **Is the course a Writing Intensive course?** | No |
| **Is the course repeatable\*?**(A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). \*Not the same as Multiple Attempts or Grade Forgiveness | NoN/A |
| **Do you expect to offer this course three times or less (experimental)?** | No |

|  |
| --- |
| **Impact of Course Proposal** |
| **Will this new course proposal impact other courses, programs, departments, or budgets?** | No |
| **If the answer to the question above is “yes”, list the impact on other courses, programs, or budgets?** | None |
| **Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.** |
| N/A |

**Section II,Justification for proposal**

|  |
| --- |
| **Provide justification (below) for this proposed curriculum action** |
| This course will replace the CJE2670 Introduction to Forensic Science course in the Network Security CCC and will also serve as an elective course in the AS Networking Technology. This course is more appropriate since the forensics focus is purely on computers and not general forensics. Additionally, it has been suggested by our advisory board that computer forensics as a valuable skill that network security professionals should possess.  |

**Section III, Important Dates and Endorsements Required**

|  |
| --- |
| **List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).** |
| Andrew Blitz, Vincent Butler |

**nOTE:**Changes for the Fall 2015term must be submitted by the January 3, 2015 deadline and approved no later than the February 28, 2015 Curriculum Committee meeting. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate Dean or Assistant Vice President as well as the Provost and Vice President of Academic Affairs to begin in either theSpring2015 or Summer 2015 term.

|  |  |
| --- | --- |
| **Term in which approved action will take place** | Fall 2015 |

|  |  |  |
| --- | --- | --- |
| **Required Endorsements** | **Type in Name** | **Select Date** |
| **Department Chair or Program Coordinator** | Andrew Blitz | 1/8/2015 |
| **Academic Dean or Assistant Vice President** | Dr. John Meyer | 1/8/2015 |
| **Dean’s Council Representative** | Dr. Mary Myers | 2/3/2015 |

|  |  |
| --- | --- |
| **Select Curriculum Committee Meeting Date** | February 27, 2015 |

Completed curriculum proposals must be uploaded to Dropbox by the deadline. Please refer to the *Curriculum Committee Critical Dates for Submission of Proposals* document available in the document manager in the FSW Portal:

* Document Manager
* VP Academic Affairs
* Curriculum Process Documents

**Important Note to Faculty, Department Chairs or Program Coordinators, and Deans or an Assistant Vice President:**

Incomplete proposals or proposals requiring corrections will be returned to the School or Division. If a proposal is incomplete or requires multiple corrections, the proposal will need to be completed or corrected and **resubmitted to the Dropbox for the next Curriculum Committee meeting** (no later than January 3, 2015 to be effective for the Fall 2015 term). All Curriculum proposals require approval of the Provost and Vice President of Academic Affairs. Final approval or denial of a proposal is reflected on the completed and signed Summary Report.