## change of COURSE PROPOSAL FORM

|  |  |
| --- | --- |
| Academic area: | School of Business and Technology |
| PROGRAM: | AS NETWORK SYSTEMS TECHNOLOGY |
| PROPOSEd by: | Andrew Blitz |
| PRESENTER: | Douglas Nay |
| SUBMISSION DATE: | 1/2/2014 |
| CURRENT COURSE PREFIX, NUMBER AND TITLE: | **CTS 2655: Internetworking with cisco routers** |

### SECTION I

|  |  |
| --- | --- |
| TYPE(S) OF COURSE CHANGE: | TYPE PROPOSED CHANGE HERE FOR EACH ITEM CHECKED: |
|  | lecture/lab course must have “c” / lab course must have “l” |
|  | type new COURSE TITLE HERE |
|  | ENTER NEW SCHOOL, DIVISION, OR DEPARTMENT |
|  | CNT 1000 with a grade of D or better |
| **DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?** | NO |
|  | LIST ALL COREQUISITES IN SEQUENTIAL ORDER |
| **IS ANY COREQUISITE LISTED ON THIS COURSE LISTED AS A COREQUISITE ON ITS PAIRED COURSE?**  eXAMPLE: CHM 2032 IS A COREQUISITE FOR CHM 2032L AND CHM 2032L IS A COREQUISITE FOR CHM 2032. | -- NA -- |
|  | Click here to ENTER THE NUMBER of CREDITS OR cLOCK HOURS |
|  | COLLEGE CREDIT (TRANSFERABLE) |
|  | Click here to enter CONTACT HOURS |
|  | SELECT GRADE MODE |
|  | |
| This course emphasizes design, installation, and management of WANs and LANs using routers and routed protocols. Students install and configure routers and hosts for IP. WAN access technologies including ISDN, PPP, and Frame Relay are introduced and routers are installed and configured. The use and configuration of switches, VLANs, firewalls, and proxy servers are also covered. | |
|  | |
| Click here to enter topic outline. Feel free to use bullets to format the outline. | |

**** YES

If yes, list below (for information purposes only). TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS, AND GENeral EDucation COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

|  |  |  |
| --- | --- | --- |
| LEARNING OUTCOMES | ASSESSMENTS | GENERAL EDUCATION COMPETENCIES |
| Design, configure, and monitor routers and computers to interconnect using IP routed networks | Lab activities, case studies, and exams |  |
| Design and implement network topologies and routing protocols | CT |
| Design and configure firewalls |  |
| Design and configure PAT/NAT services for connection to the Internet |  |
| Configure switches and routers for VLANs |  |
| Design networks using variable length subnet masks |  |
| Analyze and design PPP, ISDN, Frame Relay, and other Telco services |  |
| Compare and contrast routed, non-routed, and routing protocols | QR |

### SECTION II (must complete each item below)

|  |  |
| --- | --- |
| If you intend to restrict student registration based on the students’ major(s), enter all applicable major restriction codes: | n/a |
| Is this an “International or Diversity Focus” course? | NO |
| Is this a General Education course? | NO |
| Is this a Writing Intensive course? | NO |
| Is this an Honors Course? | NO |
| Is this a Repeatable Course?\*  (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  If “Yes”, what is the maximum number of credits a student can earn for this course? If “No”, enter NA. | NO  n/a |
| Will these changes have an impact on other courses, programs, departments, or budgets? | NO |
| If “Yes”, please explain or submit comments below, if no enter NA | |
| n/a | |
| If “Yes”, have you discussed this proposal with anyone (from other departments, programs, or other institutions) regarding the impact? Were any agreements made? | |
| n/a | |

### SECTION III (MUST COMPLETE EACH ITEM BELOW)

**PROVIDE JUSTIFICATION FOR EACH CHANGE ON THIS PROPOSED CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION):**

SINCE CONSIDERABLE TIME HAS ELAPSED SINCE THE COMPUTER SCIENCE CURRICULUM HAS BEEN REVIEWED, THE FACULTY DETERMINED THAT THE COURSE DESCRIPTIONS AND STUDENT LEARNING OUTCOMES FOR ALL COMPUTER SCIENCE COURSES NEEDED TO BE EXAMINED AND UPDATED. ADDITIONALLY, THE AS NETWORKING DEGREE FRAMEWORK HAS BEEN CHANGED AT THE STATE LEVEL, SO THE FACULTY WISH TO ENSURE THE CURRICULUM MEETS THE NEW STANDARDS REQUIRED BY FLDOE. ADDITIONALLY, THE FACULTY REQUESTS THAT THE “AS” DESIGNATION ON THIS COURSE BE REMOVED. THE COURSE IS ALWAYS TAUGHT BY A FACULTY MEMBER WHO MEETS OR EXCEEDS THE MINIMUM ACADEMIC REQUIREMENTS OUTLINED IN ESC’S FACULTY CREDENTIALING MANUAL (M-18 OR HIGHER).

**nOTE:** Changes for the Fall 2014 Term must be submitted by the January 2014 deadline and approved no later than the February 2014 Curriculum Committee meeting prior to the start of the next academic year. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate dean as well as the Vice President, Academic Affairs to begin in either the spring or summer term.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:**

FALL 2014

n/a

**oRDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:**

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:

dean \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:

VICE PRESIDENT, ACADEMIC AFFAIRS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FACULTY ENDORSEMENTS:**PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA



**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 1/2/2014

**DEAN ENDORSEMENT:**

 1/2/2014

**DEANS’ COUNCIL Representative:**

 2/18/2014

**FOR CURRICULUM COMMITTEE MEETING DATE: February 28, 2014**

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 MyEdisonState Portal:

* Document Manager
* VP Academic Affairs
* Curriculum Process Documents