Course Proposals

List of all proposals

Proposal has been saved.

Course Name:

Data and Voice Network Design

Course Prefix:

NTM

Course Number:

4700

Submitted by (Name & E-Mail): Allyson Saunders, asaunders@weber.edu

Submission Date:

12/15/2014

(mm/dd/yyyy)

College:

Applied Science & Technology

Department:

Network Technology and Business Multimedia

From Term:

Spring

2016

◉ Substantive

◯ Nonsubstantive _definition_ (http://documents.weber.edu/catalog/submission_form_interface/results1/help1.htm)

○ New Course

◉ Revision of an Existing Course

○ Delete a Course

○ Change to the course number. This course is equivalent to [   ]

Current Course Subject

| N/A |

Current Course Number [   ]

○ Experimental Course (Catalog numbers 2810, 3810, 4810, 5810, 6810) *definition*

(http://documents.weber.edu/catalog/submission_form_interface/results1/help2.htm)

○ Variable Title Course *definition*

(http://documents.weber.edu/catalog/submission_form_interface/results1/help2.htm)

If this is a change to an existing course or a course deletion, please copy and paste the current course information from the on-line catalog (include subject, gen ed designation, number, title, credit hours, description and prerequisites).

NTM 4700 - Data Network Design

Credits: (3)
Typically taught:
Spring [Full Sem]

Architecture, technologies, and standards associated with the design and management of modern data networks. Hands-on experience in configuring and troubleshooting various network components and architectures. Prerequisite: NTM 2710 and NTM 2720.

New/Revised Course Information:

Subject:

| NTM |

Course Number:

| 4700 |

Check all that apply: *This is for courses already approved for gen ed.*

☐DV ☐SI ☐CA ☐HU ☐LS ☐PS ☐SS ☐EN ☐AI ☐QL ☐TA ☐TB ☐TC

☐TD ☐TE

Course Title:

Data and Voice Network Design

Abbreviated Course Title (Limited to 30 characters):

Data/Voice Net Design

Course Type:

◉LEC - Regular class without lab

◯LEL - Regular class with incorporated lab

◯LAB - Separate section in a laboratory setting

◯SUP - Supervision at Remote Site (e.g., clinical, internships, practica, etc.)

◯INV - Individualized Instruction (e.g., directed readings, etc.)

◯THE - Thesis Credit

Credit Hours:

4

or if variable hours:

◉Or ◯To

Contact Hours:

Lecture

60

Lab

Other

Repeat Information:

Limit

> 0

Max Hrs

> 0

(Limit=number of times course can be repeated for credit. Leave at 0 if course cannot be repeated for additional credit).

Grading Mode:

◉Standard Letter ○Credit/No Credit

This course is/will be:

☑a required course in a major program

☑a required course in a minor program

☐a required course in a 1- or 2- year program

☐elective

Prerequisites/Co-requisites (also list these at the end of the course description):

> Prerequisite: NTM 3710

Course description (exactly as it will appear in the catalog, including prerequisites):

NTM 4700 - Data and Voice Network Design

Credits: (4)
Typically taught:
Spring [Full Sem]

As a capstone course, students will design data and voice networks using industry metrics and rationale. Architecture, technologies, and standards associated with the design and management of modern data and voice networks will be covered. Prerequisite: NTM 3710, CS 2130

Justification for the new course or for changes to an existing course. (Note: Justification should emphasize academic rationale for the change or new course. This is particularly important for courses requesting upper-division status.)

The industry advisory committee for the Network Technology Management major reviewed the content of the courses NTM 4700 (3 credits) and NTM 4710 (3 credits) and determined that the two courses should be combined into one 4-credit course. By eliminating the overlap between voice and data networks, the class content can be covered in one 4-credit course rather than two 3-credit courses.

Nonsubstantive proposals stop here and go to the bottom of the form to submit the proposal

INFORMATION PAGE
for substantive proposals only

1. Did this course receive unanimous approval within the Department?

◉Yes ○No

If not, what are the major concerns raised by the opponents?

[text box]

2. If this is a <u>new course proposal</u>, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department? Explain.

> NA

3. If this is a <u>new course proposal</u>, how will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.

> NA

4. Is this course required for certification/accreditation of a program?

○Yes ◉No

If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.

5. For course proposals, attach a copy of the course syllabus to the form your are submitting to the Faculty Senate office. The syllabus should be sufficiently detailed so that committees can determine that the course is at the appropriate level and matches the description. There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.).

Please mail a signed approval page (SignaturePage.PDF)to the Faculty Senate Office, MA 210J, MC 1033.

Submit   Proposal has been saved.