Course Proposals

List of all proposals

Proposal has been updated.

Course Name:

Switching and Transmission Network Systems Management

Course Prefix:

NTM

Course Number:

3710

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:

Fall

2015

⦿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

NTM

Current Course Number | 2710

○ 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 2710 - Switching and Transmission Network Systems Management

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

Management of switching and transport systems and their technologies from industry carrier systems to private business networks. Complete hands-on labs focusing on TDM voice, data, and transport network systems equipment. Basic IP labs are also completed. Prerequisite: NTM 2300.

New/Revised Course Information:

Subject:

NTM

Course Number:

3710

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:

Switching and Transmission Network Systems Management

Abbreviated Course Title (Limited to 30 characters):

Switching & Transmission

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:

3

or if variable hours:

⦿Or ◯To

Contact Hours:
Lecture

45

Lab

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                                                                              |
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Other

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                                                                              |
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Repeat Information:

Limit

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  0
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Max Hrs

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  0
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(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):

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 Prerequisite:  NTM 2300
 Co-requisite:  NTM 3715
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Course description (exactly as it will appear in the catalog, including prerequisites):

NTM 3710 - Switching and Transmission Network Systems Management

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

The course covers management of switching and transport systems and their technologies from industry carrier systems to private business networks. Also included are cellular/mobile/fixed wireless technologies including network elements, routing, packet delivery, handoff technology, and the evolution of generations of wireless technologies and systems. Prerequisite: NTM 2300. Co-requisite: NTM 3715.

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.)

This course includes not only technologies of switching and transports systems but also the management of those systems. Consequently, students need several prerequistes before taking this course:
NTM 1300 is the new beginning course for Network Management Technology majors. NTM 1300 will be a prerequisite for NTM 2300. NTM 1700 is already a prerequisite for NTM 2200, which is the then is a prerequisite for NTM 2300. Because two 2000 level courses are required as prerequisites, this course is being proposed as a change to an upper-division course from NTM 2710 to NTM 3710. Also, this change aligns better with curriculum taught at Salt Lake Community College where associate degree graduates at SLCC then continue with a bachelor's degree at Weber State University in Network Management Technology.

This curriculum change has the approval of the faculty and the industry advisory committee for Network Management Technology.

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?

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

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N/A
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3. If this is a new course proposal, 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.

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N/A
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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 updated.