

## PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Computer and Information Science

Date submitted: September 29, 2008

Request for: Course change \_\_\_\_\_ Course deletion \_\_\_\_\_ Course addition X \_\_\_\_\_  
(Excluding course credit hour changes)

Submitted by: Ron Robison

Approved by: Department Head:  
Dean of School:

Ron Robison

Dr. Willy Hoefler

Reviewed by: Registrar:

Vice President:

If this is a deletion or other minor change, describe and give rationale.

We are proposing the addition of an additional zero-credit lab (COMS 4710) for networking course COMS 4713. Right now, we only have one network lab course (COMS 4700) which is shared among multiple courses. Each semester, students and advisors are confused regarding which 4700 lab section is reserved for a given network course.

### I. COMS 4710 Heterogeneous Networks Lab

Proposed Course Description: Co-requisite: COMS 4713. Students will complete network lab exercises in support of COMS 4713.

Effective date or term: Spring 2009

\*Course fees:

### II. Justification and feasibility of course:

#### A. What is the need for this course? Who will take it?

Students need hands-on experience with networking. Students co-enrolled in COMS 4713 will take the course.

#### B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

appcc 10/24/08  
app FS 11/12/08

See above. No.

- C. Is this course part of any general plan of development within your department?  
Explain.

Yes. Stronger mix of theory and practice.

- D. How often will the course be offered?

Fall semester.

- E. How will the course be staffed?

Current faculty.

- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

N/A

\*Updated 8/1/04

\*\*Updated 9/1/05

**COMS 4713 01:**  
**Heterogeneous Networks**

Spring 2009

ARKANSAS TECH UNIVERSITY  
Computer and Information Science Department

**Instructor:** Lucas Moody  
Office Hours: Monday-Friday, 8:00-5:00 (By Appointment)  
Office: Corley 115A  
Phone: 692-9274  
Email: [lmood@atu.edu](mailto:lmood@atu.edu)

**Textbook:** NETWORK+ GUIDE TO NETWORKS

**Software Requirements:** All needed software will be provided through the Department's MSDNAA membership program.

**Course Description:** Prerequisite: COMS 4703. **Co-requisite: COMS 4710.** The student will design, develop, implement, and manage numerous heterogeneous networking operating system environments. Required policies and procedures are examined and developed. Networking tools required for the development of a seamless heterogeneous networking environment are studied and applied.

**Objectives:** Students will, upon course completion, be able to design, implement, and administer a mixed-OS network.

**General Education Requirements:** This course is a required offering for IT majors.

**Cheating Policy:** Please refer to the Catalog for a list of possible disciplinary actions. All written assignments will be scanned through Turnitin.com for comparison purposes.

**Assessment Method:** Multiple exams based on topical progression. Homework/projects will be given per-topic, with a final project assigned. There will be 3 tests given, with the equivalent of a 4<sup>th</sup> test in lab work. This will be a combined 75% of your grade, and your final project will be the remaining 25%.

**Obtaining Help:** Students can request help via phone (692-9274), or Instant Messenger ([lbmoody@hotmail.com](mailto:lbmoody@hotmail.com)) is the appropriate contact e-mail through Messenger). Help is also available in-person at Corley 115A, or via e-mail ([lbmoody@atu.edu](mailto:lbmoody@atu.edu)).