Effective Fall, 2006

RECEIVED DEC 8 2005

APPROVED FEB 2 2 2006

X Undergrad Council X New Course □ UH Core Course □ Core Category: none

Grad/Prof Council Course Change □ Selected Topics Course

ORIGIN:

1. Dept: ECE
College: ENGR

2. Person Submitting Form: J. C. Wolf
Telephone: 344-49

3. PROPOSED COURSE:

Instructional Area/Course Number/Title: ECE 5451 / Principles of Internetworking

ECE Code: Subj Prefix: Course Number: Short Course Title
003652 ECE 5451 Principles of Internetworking

Departmental Use

4. SR 1409010006 - 3 - 3

Sec: Level CR Code Tab Hrs Lab Hrs Lec Hrs Addm Unit

5. Justification for adding / changing course:

This course combines an existing lecture course (ECE 5151) and a special topics lab course (ECE 5197) to form an integrated lecture / laboratory course for understanding the principles of internetworking. Prerequisites are being increased to include C-Programming.

(Additional Explanation if needed)

6. IF PREVIOUSLY TAUGHT AS A SELECTED TOPICS COURSE, YOU MUST COMPLETE THIS SECTION:

Course Name/Number/Title: ECE 5197 / Internetworking Laboratory

Content ID: 290670 Start Date: 20005 Stop Date: 2005

7a. Proposed Catalog Listing/Description: Cr. 4. (3-3). Prerequisites: ECE 3197, ECE 1441. Core course or concurrent enrollment in ECE 4371. Local area networks, IP addressing, routing protocols, TCP flow, congestion and error control, Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), and Network Address Translation (NAT). Selective applications.

7b. Authorized Degree Program: BSEE and BSCPE. Degree Name: Electrical Engineering

7c. Computer Engineering

8. Grade Option: Letter / A.R. Credit

9. Instruction Type: Lecture / Laboratory

10. How does this course affect major / minor requirements?

Not clear

11. Dean's Signature (hard copy): 12/8/01

12. CURRENT COURSE (data may be obtained from Course Inventory)

Instructional Area/Course Number/Title: ECE 5351 Datacommunications and Networks I

Start Date: 2000 3 Content Id.: 291571

ECE Code: Subj Prefix: Course Number: Short Course Title (30 characters maximum)
003652 ECE 5351 Datacommunications & Networks I

IR/OPPA USE ONLY

NCH Level CR Code Tab Hrs Lab Hrs Lec Hrs Addm Unit UC