

Rowan University
Computer Science Department

Proposal: Minor Change to the Computer Science Specializations Requirements

1. Details

a. Change Requested

We request approval for the following minor change to the Computer Science Specializations requirements: update the course list in those specifications affected by new courses in the computer science curriculum. Specifically,

- add 0706.416 TCP/IP and Internet Protocols and Technologies to the Network and Operating Systems specialization,
- add 0704.391 Concurrent Programming to the Network and Operating Systems specialization,
- add 0704.394 Distributed Systems to the Network and Operating Systems specialization,

From

Networking 0704.390 Operating Systems
and 0706.410 Data Communications and Networking
Operating 0704.392 System Programming and Operating System Internals
Systems 0706.412 Advanced Computer Architecture
0706.415 Wireless Networks, Protocols, and Applications

To

Networking 0704.390 Operating Systems
and 0706.410 Data Communications and Networking
Operating 0704.392 System Programming and Operating System Internals
Systems 0706.412 Advanced Computer Architecture
0706.415 Wireless Networks, Protocols, and Applications
0704.391 Concurrent Programming
0704.394 Distributed Systems
0706.416 TCP/IP and Internet Protocols and Technologies

b. Sponsor

Stephen J. Hartley and members of the Computer Science Department Curriculum Committee.

2. Rationale

a. Need for the Change

As new courses in the computer science curriculum are approved, we will request approval to add those new courses to the appropriate specialization, if any. The three courses 0704.391 Concurrent Programming,

0704.394 Distributed Systems, and 0706.416 TCP/IP and Internet Protocols and Technologies are recent additions to the computer science course offerings and belong in the Networking and Operating Systems specialization.

b. Curricular Effect

This change will enhance the attractiveness of the specializations to computer science majors.

3. Results of Consultation

We solicited letters of consultation from Management Information Systems, Mathematics, and Electrical/Computer Engineering. Received letters are attached.

```
From hamilton@rowan.edu Tue Feb  1 15:02:10 2005
Date: Tue, 01 Feb 2005 15:01:55 -0500
From: "Diane Hamilton" <hamilton@rowan.edu>
To: <hartley@elvis.rowan.edu>
Cc: "Daniel J. McFarland" <mcfarland@groupwise.rowan.edu>
Subject: curriculum consultation
```

Hi Steve,

The MIS faculty are happy to support your new course proposal, namely Power Java, as well as your change in the Computer Science program. We applaud your efforts to keep the program current, which we know can be quite difficult in such a quickly changing field.

sincerely.
diane hamilton

- - - - -

Diane Hamilton, Ph.D.
Professor of MIS

Rowan University
College of Business
201 Mullica Hill Rd
Glassboro, NJ 08028

856-256-4760 (phone)
856-256-4439 (fax)

```
From Czochor@rowan.edu Fri Feb  4 12:16:09 2005
Date: Fri, 04 Feb 2005 12:16:01 -0500
From: "Ronald Czochor" <Czochor@rowan.edu>
To: <hartley@elvis.rowan.edu>
Subject: Re: minor change curriculum proposal
```

Steve,

The Math Department has no comment on the proposed additions to your department's specialization.

Ron Czocho, Chairman

Mathematics Department

Rowan University

Phone: 856.256.4845

Fax 856.256.4816

Webpage:

<http://www.rowan.edu/mars/depts/math/czocho/Homepage/homepage.htm>

Dept. webpage: <http://www.rowan.edu/mars/depts/math/>