

Library Resource Form Required for New Non-Gen-Ed

Submission Deadlines: Fall - October 10, 2006 Spring - February 13, 2007

TITLE Minor Curriculum Change Proposal for ECE 09241

Sponsor(s) Shreekanth Mandayam, Chair Elec. & Comp. Eng. e-mail: shreek@rowan.edu
Linda Head, Chair ECE Curriculum Comm. e-mail: head@rowan.edu
e-mail:

DEPARTMENT Electrical and Computer Engineering
College College of Engineering

If LAS-check: History/Humanities Social/Behavioral Sciences

 Math/Science

 X UNDERGRADUATE GRADUATE

 New non gen-ed Major

 Short-Term non gen-ed

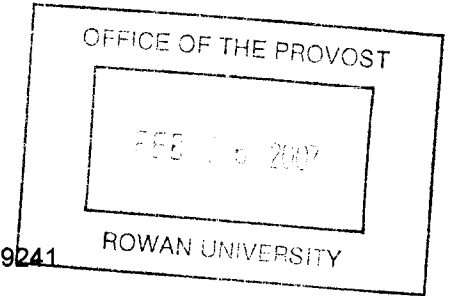
 X Minor curricular changes (fewer than three) to: ECE 09241

 Existing non gen-ed course

 Non gen-ed degree requirements

 Major

 Minor, specialization, concentration, track, certificate program



Signatures Required: representing approval before submission to Office of the Senate

Department Chair: [Signature] Date: 10/12/06
Department CURRICULUM Chair: [Signature] Date: 10-12-06
Academic DEAN: [Signature] Date: 10/13/06

COLLEGE CURRICULUM COMMITTEE: Open Hearing Date: 11/22/06
Approved
Not Approved 11/22/06

Signature: College Curriculum Chair [Signature]

Signature: SENATE CURRICULUM CHAIR [Signature]
Date: 12/13/07

Comments: _____

Signature: Executive Vice President/Provost: [Signature] ALIASHIRI
Date: 2/6/07

Approved: _____
Not Approved: _____

Signature: REGISTRAR [Signature]
Date: 2/12/07 Course Description Received & Approved
Hegis Taxonomy & Course # _____

Notification Forward:
 SCC CHAIR Academic Dean
 IR Department Chair
 CAP VP/Student Affairs
 Registrar Other-

Rowan University
Electrical and Computer Engineering

Minor Curriculum Change Proposal – Change to Prerequisites

Details:

a. Change Requested

Prerequisite change:

From:

ECE 09241
Digital I

2.000 Credit Hours

Prerequisites:

Undergraduate level CS 04103 Minimum Grade of D- and
Undergraduate level ECE 09201 Minimum Grade of D-

To:

ECE 09241
Digital I

3.000 Credit Hours

Prerequisites:

Undergraduate level CS 04103 Minimum Grade of D- and
Undergraduate level ECE 09201 Minimum Grade of C

b. Sponsor(s)

Shreekanth Mandayam, Chair, Electrical and Computer Engineering
Linda Head, Chair, Electrical and Computer Engineering Curriculum Committee

Rationale:

a. Statement of need

Experience has proven that students with a grade of C- or less in ECE 09201 do not perform adequately in ECE 09241. This course is part of the foundation series for the Computer Engineering stem of the Electrical and Computer Engineering program. It is

crucial that a student perform at a minimum level of C in ECE 09201 to demonstrate a grasp of the required concepts.

Additionally, ECE 09241 has been revised and increased from 2 credit hours to 3 credit hours to more adequately prepare students to address computer architectures in the upper division courses. As a result, the prerequisites for ECE 09241 required this update. The change in credit hours shown in this proposal was previously approved and is shown here as a correction to the online catalog rather than a change to the course or program.

b. Statement of curricular effect

This change does not increase the total number of credit hours in our curriculum. The additional credit hour was transferred from Comp Arch II. Comp Arch II is a 2 credit hour course that was previously required in our program but now is no longer required. The other credit hour from Comp Arch II has been transferred to Digital II which was previously a 2 credit hour course and is now a 3 credit hour course.

Results of Consultation:

a. List all parties consulted

No consultations are required for this change.