



C910

see physics dept for complete proposal

911

PROCESS C

NEW Programs - MAJOR Program Revisions - PROGRAM Name Changes

LIBRARY RESOURCE FORM REQUIRED

Deadlines: October 3, 2003 to be implemented Fall 2004 - February 13, 2004 to be implemented Spring 2005

PROPOSAL TITLE: Concentration in Materials Science

Sponsor(s): Samuel Lofland, Robert Krchnavek. E-Mail: lofland@rowan.edu Ext: 4382, krchnavek@rowan.edu Ext: 5336

DEPARTMENT: Physics, Chemistry, Electrical, Chemical, + Mechanical Engineering

COLLEGE: CLAS + Engineering

If Liberal Arts & Sciences CHECK: History/Humanities, Math/Sciences, Social/Behavioral Sciences

UNDERGRADUATE, GRADUATE

THE ATTACHED NEW PROGRAM - MAJOR PROGRAM REVISION - PROGRAM NAME CHANGE IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

- New degree program, New Major, New Minor, New concentration, specialization, or track, New Certificate of Graduate Study Program (COGS & COGA)

Will Chemical Engineering

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: Edmund V. Flin, Department Curriculum Chair: [Signature], Academic Dean: [Signature]. Dates: 11/24/04, 11/23/04, 2-9-04

COLLEGE CURRICULUM COMMITTEE

CLOSED HEARING, COLLEGE CURRICULUM CHAIR: Approved/Not Approved

UNIVERSITY CURRICULUM COMMITTEE

OPEN HEARING Date: 3/2/2004, Senate Curriculum Chair Signature: Phillip G. Lewis, Date: Senate Announcement/Vote: 3/22/2004

Comments: As cross-college program proposal was head by University Comm. first - Questions about housing of course and program above. EXECUTIVE VICE PRESIDENT/PROVOST Signature: [Signature], Date: [Blank]

REGISTRAR

Date: 9/22/04, Official Copy & Approval Sheet Filed, Course Description Received & Approved - Hegis Taxonomy & Course #

Registrar Signature: [Signature]

NOTIFICATION FORWARD

SCC Chair, Academic Dean, Department Chair, Registrar, IR, CAP, VP Student Affairs, Others

YI - Copies sent to AIC 9-10-04

TM G. Schur

T. DB 11/23/04

PROCESS A NON-GENERAL EDUCATION + CURRICULUM PROPOSAL
LIBRARY RESOURCE FORM REQUIRED

SCC #03-04- 414 ✓

Deadlines

October 3, 2003 to be implemented Fall 2004 ~ February 13, 2004 to be implemented Spring 2005

PROPOSAL TITLE: Minor Curricular Change - Fundamentals of Engineering, Process Analysis and Design

Sponsor(s): Z. Peter Gephardt E-Mail: zgephardt@jaguar.cmu.edu Ext: 5314
E-Mail: _____ Ext: _____

DEPARTMENT: Chemical Engineering

COLLEGE: Engineering

If Liberal Arts & Sciences CHECK: History/Humanities Math/Sciences Social/Behavioral Sciences

UNDERGRADUATE GRADUATE

THE ATTACHED **NON-GEN-ED** PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED

- New non-gen-ed course
- Short-term non-gen-ed course
- Minor curricular changes (fewer than three) to:
 - Existing non-gen-ed course
 - Non-gen-ed degree requirements
 - Major
 - Minor, specialization, concentration, track, certificate program

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: [Signature] Date: 2-9-04
Department Curriculum Chair: [Signature] Date: 2/10/04
Academic Dean: [Signature] Date: 2/9/04

COLLEGE CURRICULUM COMMITTEE

OPEN HEARING Date: 3/4/04 Approved Not Approved
COLLEGE CURRICULUM CHAIR: [Signature]
Senate Curriculum Chair Signature: [Signature] Date: Senate Announcement _____
Comments: _____

EXECUTIVE VICE PRESIDENT/PROVOST Signature: [Signature] Date: 6/16/04

Approved Not Approved

REGISTRAR

Date: 6/28/04 Course Description Received & Approved ~ Hegis Taxonomy & Course #: _____
Registrar Signature: [Signature]

NOTIFICATION FORWARD

- SCC Chair Academic Dean Department Chair Registrar IR CAP
- VP Student Affairs Others

Trans. 7-12-04
rw

***Minor Curricular Change
Fundamentals of Engineering Process Analysis and Experimental Design
(0906.477)***

1. Details:

a) Change: Remove 'approval of Graduate Advisor' from the prerequisite requirements

Current Prerequisites

senior standing and approval of Graduate Advisor

New Prerequisites

Senior Standing

- b) Sponsor:** Dr. Zenaida Otero Gephardt and Chemical Engineering Curriculum Committee
- c) Credit Hours:** 3 semester hours
- d) Course Level:** Undergraduate
- e) Curricular Effect:** Senior Chemical Engineering Elective
- g) Suggested Time/** Fall 2004
- Scale of Implementation:**
- h) Resources:** No additional resources will be needed for this minor curricular change.

2. Rationale:

The 'approval by Graduate Advisor' requirement was originally instituted to ensure that students had the necessary preparation for the course. The course was originally proposed in the Fall of 1999. Students with senior standing in engineering or the sciences have the necessary background to succeed in the course. The 'approval by Graduate Advisor' requirement places an unnecessary burden on students and the Graduate Advisor.

3. Results of Consultations:

This change will not impact any other engineering or science program.

Rowan University
**CURRICULUM PROPOSAL
 LIBRARY RESOURCE FORM**

The purpose of this form is to provide a channel of communication between the library and faculty changing and designing new courses/programs. The information will be used to assess the resources available in the library, and to identify resources the library should acquire to support the course/program. The information will also provide rationale for institutional support for library acquisitions

This form should be completed in a coordinated effort between the course sponsor(s) and the academic department liaison librarian. **THIS FORM MUST BE COMPLETED FOR ALL CURRICULUM PROPOSALS.**

- The sponsor(s) complete parts A & B
 If assistance is required to complete parts A & B, please notify the liaison librarian.
- Forward this form to the librarian who will complete parts C, D & E

This form must be completed and attached to the original curriculum proposal before being approved by the Senate Curriculum Committee

A. College Engineering Department Chemical Engineering
 Proposed by: L. Otero Gephhardt Date: 2.06.04
 Course Title: Fundamentals of Engineering Process Analysis and Experimental Design
 Anticipated Date for Course/Program Offering: existing

B. List specific resources that should be acquired to support this course.

Existing resources are adequate - No additional resources needed.

C. Describe the resources available in the library to support this course/program, including reference, monographic, electronic databases, audio-visual materials, etc. A summary statement is sufficient.

Course is well supported with existing reference, monographic and electronic data bases.

D. List key periodicals available in the library to support this course/program.

Course is multidisciplinary. Scientific and engineering periodicals can be used to support the course (AIChE and ACS journals)

E. Librarian comments and recommendations:

Name: LIBRARIAN LIAISON Marilyn Minter

Librarian Signature: Marilyn J. Minter