

CURRICULUM PROPOSAL FORM

***DEADLINES:**

REGULAR COURSE PROPOSALS: OCTOBER 23, 1998 FOR FALL, 1999 AND FEBRUARY 19, 1999 FOR SPRING, 2000
RT-TERM COURSE PROPOSALS: DECEMBER 11, 1998 FOR FALL, 1999 AND MARCH 26, 1999 FOR SPRING 2000

PROPOSAL TITLE: Change in the requisite for Electricity, Magnetism II

SPONSOR/S: K. Wayne Sauer, Dept. of Chemical Physics

DEPARTMENT: Chemical Physics

1902 330

CHECK ALL THAT APPLY:

UNDERGRADUATE GRADUATE

COLLEGE: LAS

If LAS: History/Humanities
 Math/Sciences
 Social/Behavioral Sciences

TYPE OF PROPOSAL (Check ALL that Apply)

<input type="checkbox"/> General Education	<input type="checkbox"/> New Course (NOT Gen. Ed.)
<input type="checkbox"/> New Course in _____ Bank	<input type="checkbox"/> Name Change (Dept., School, Major)
<input type="checkbox"/> Existing course, Add To _____ Bank	<input type="checkbox"/> Changes in Degree Requirements
<input type="checkbox"/> Multicultural/Global Designation	<input type="checkbox"/> Changes Involve Gen. Ed. requirements
<input type="checkbox"/> Writing Intensive Designation	<input checked="" type="checkbox"/> Minor Changes to Existing Courses
<input type="checkbox"/> Literature Designation	<input checked="" type="checkbox"/> Course is NOT General Education
<input type="checkbox"/> New Minor/Concentration/Specialization	<input checked="" type="checkbox"/> Course IS General Education
<input type="checkbox"/> New Major/Degree Program	
<input type="checkbox"/> Short Term Course Proposal	

RECEIVED
MAR 30 1999
OFFICE OF THE DEAN
OF THE DEAN
OF THE DEAN
OF THE DEAN

DEPARTMENT
(SIGNATURE INDICATES APPROVAL)

John Newland 11/25/98 *John Newland* 11/25/98

DEPT. CURRICULUM CHAIR / DATE DEPT. CHAIRPERSON / DATE

COLLEGE CURRICULUM COMMITTEE
DATE OF OPEN HEARING (if necessary) _____

APPROVED
 NOT APPROVED

COMMENTS:

Mary Lynn Fulham 3-2-99

SIGNATURE DATE

ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)

APPROVED
 NOT APPROVED

COMMENTS:

SIGNATURE (Academic Dean) DATE

SIGNATURE (Graduate Dean) DATE

UNIVERSITY CURRICULUM COMMITTEE

DATE OF OPEN HEARING (if necessary) 2/18/99 (College level only)

APPROVED

NOT APPROVED

COMMENTS:

Jamette Reeves 2/20/99
SIGNATURE DATE

SENATE

Date announced at Senate 3/30/99

Voted upon at Senate: Approved Not Approved Date:

EXECUTIVE VICE PRESIDENT/PROVOST

APPROVED

MAR 4 1999

NOT APPROVED If no, reasons are as follows:

STUDENT CREDIT HOURS _____ FACULTY LOAD HOURS _____ EQUALIZED CREDIT HOURS _____

OFFICIAL COPY & APPROVAL SHEET FILED (DATE): _____

DATE/SIGNATURE EXECUTIVE VICE PRESIDENT/PROVOST [Signature]

REGISTRAR

DATE APPROVED COURSE DESCRIPTION RECEIVED _____

HEGIS TAXONOMY & COURSE NUMBER ASSIGNED Prerequisites Changed

DATE/SIGNATURE OF REGISTRAR Robert A. Kubat 5/7/99

NOTIFICATION FORWARD:

_____ SENATE CURRICULUM COMMITTEE CHAIRPERSON

_____ DEPARTMENT CHAIRPERSONS

_____ ACADEMIC DEAN(S)

_____ REGISTRAR

_____ SPONSOR(S)

Minor Curricular Change

1. Details:

- a. Change requested in prerequisite for Electricity & Magnetism I ^d 1902. B30

From:

1701.131 Calculus II
 1902.201 Physics II w/calc or 1902.203 Physics II no calc
 1902.325 Mathematical Physics
 or permission of the instructor

To:

1902.201 Physics II w/calc or 1902.203 Physics II no calc
 1902.325 Mathematical Physics *or* 1701.242 Mathematics for Engineering Analysis II *or*
 1701.231 Ordinary Differential Equations ²³⁰
 or permission of the instructor

- b. Sponsors: K. Magee-Sauer, and Department of Chemistry & Physics

2. Rationale:

- a. Need:

Although, not equivalent to Mathematical Physics (1902.325), students who have completed Math for Engineering Analysis II (1701.242) or Ordinary Differential Equations (1702.231) have the mathematical preparation required to successfully complete Electricity & Magnetism I. We propose to add the above courses to make it easier for the math or engineering major to register via touch tone registration.

We propose to remove the requirement of 1701.131 (Calculus II) since it is redundant. Calculus II is a prerequisite for Mathematical Physics, Ordinary Differential Equations, and Math for Engineering Analysis II.

- b. Curricular Effect:

It will make registering for this physics course for both math and engineering majors possible via touch tone registration.

3. Results of Consultations:

- a. Dr. Jim Tracey, Dean of Engineering
 b. Dr. Ron Czocho, Chair of Mathematics Department