

CURRICULUM PROPOSAL FORM

***DEADLINES:**

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

PROPOSAL TITLE: Change the course name of 0901.282 from Engineering Materials II to Manufacturing Processes
SPONSOR/S: Tirupathi R. Chandrupatla
DEPARTMENT: Mechanical Engineering

CHECK ALL THAT APPLY:
 UNDERGRADUATE GRADUATE

COLLEGE: Engineering
IF LAS: History/Humanities
 Math/Sciences
 Social/Behavioral Sciences



TYPE OF PROPOSAL (Check ALL that Apply)

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

DEPARTMENT
(SIGNATURE INDICATES APPROVAL)

[Signature] 10/20/98 T.R. Chandrupatla 10/20/98
DEPT. CURRICULUM CHAIR / DATE DEPT. CHAIRPERSON / DATE

<p>COLLEGE CURRICULUM COMMITTEE DATE OF OPEN HEARING (if necessary) _____</p> <p><input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED</p> <p>COMMENTS:</p> <p><u>Robert R. Hebert</u> <u>11/5/98</u> SIGNATURE DATE</p>	<p>ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)</p> <p><input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED</p> <p>COMMENTS:</p> <p><u>[Signature]</u> <u>10/23/98</u> SIGNATURE (Academic Dean) DATE</p> <p>_____ SIGNATURE (Graduate Dean) DATE</p>
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UNIVERSITY CURRICULUM COMMITTEE

DATE OF OPEN HEARING (if necessary) College level only

APPROVED

NOT APPROVED

COMMENTS:

Transmittal Recd.
SIGNATURE

11/2/98
DATE

SENATE

Date announced at Senate 11/6/98

Voted upon at Senate:

Approved

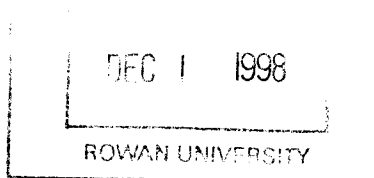
Not Approved

Date:

EXECUTIVE VICE PRESIDENT/PROVOST

APPROVED

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 _____

DATE/SIGNATURE OF REGISTRAR Robert A. Kelot

NOTIFICATION FORWARD:

SENATE CURRICULUM COMMITTEE CHAIRPERSON

DEPARTMENT CHAIRPERSONS

ACADEMIC DEAN(S)

REGISTRAR

SPONSOR(S)

Transmittal 1/11/99

Minor Change

1. Details:

a) Change Course Title: Change the course name of (0901.282) from Engineering Materials II to Manufacturing Processes. This is to take effect for the class of 2002 and beyond.

Current

Engineering Materials II, 2 s.h. (0901.282)

Current

Manufacturing Processes, 2 s.h. (0901.282)

b) Sponsor: Dr. Tirupathi R. Chandrupatla and the College of Engineering Curriculum Committee

c) Credit Hours: 2 semester hours

d) Course Level: Sophomore for Mechanical Engineering

e) Curricular Effect: Required course for mechanical engineering majors

f) Prerequisites: Chemistry I, Physics I, Material Science

g) Suggested Time Fall 1999

h) Resources: No additional resources will be needed for this minor change

2. Rationale:

The proposed change is consistent with the on-going assessment and review of the College of Engineering's programs of study. The new title reflects the content of the course.

3. Results of Consultations:

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

0901.282

2 s.h.

Manufacturing Processes

(Prerequisites: 1906.100, 1902.200, and 0901.281)

This course develops the fabrication processes for engineering materials. Discussion of heat treatment of metals will be followed by manufacturing methods for metals and alloys. Casting, powder metallurgy, hot and cold forming, welding and joining, and material removal techniques for metals will be followed by fabrication techniques for non-metals, ceramics, and composites.