

# ROWAN UNIVERSITY CURRICULUM PROPOSAL

<b>PROPOSAL TITLE</b>	910
( ) ion of a Graduate Specialization: Mechanical Engineering	
<b>CHECK APPROPRIATE:</b> <input type="checkbox"/> UNDERGRADUATE <input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> SEMESTER HOURS	
<b>SPONSOR(S):</b> Dr. T.R. Chandrupatla	
<b>DEPARTMENT/TELEPHONE #</b> Mechanical Engineering/256-4632	
<b>CHECK ONE:</b> <input type="checkbox"/> COURSE <input type="checkbox"/> MINOR PROGRAM <input type="checkbox"/> CONCENTRATION <input checked="" type="checkbox"/> SPECIALIZATION	
<input type="checkbox"/> ACHIEVEMENT CERTIFICATE <input type="checkbox"/> CERTIFICATION PROGRAM <input type="checkbox"/> MAJOR PROGRAM	

<p><b>Step #1 (Department)</b></p> <p><input checked="" type="checkbox"/> Approved (Date) <u>10/24/97</u></p> <p><input type="checkbox"/> Not Approved (Date)</p> <p style="text-align: center;"><u>TR Chandrupatla</u> Dept. CurriculumChr.</p> <p style="text-align: center;"><u>10/24/97</u> Reviewed (Date)</p> <p style="text-align: center;"><u>TR Chandrupatla</u> Dept. Chr.</p>	<p><b>Step #2 (Receipt)</b></p> <p style="text-align: center;"><u>SCC# 97-98-170</u></p> <p style="text-align: center;"><u>10-24-97</u> Date Received Senate</p> <p style="text-align: center;">_____ Senate CurriculumChr.</p>	<p><b>Step #3 (School)</b></p> <p style="text-align: right;">Reviewed Date: <u>10/24/97</u></p> <p><input checked="" type="checkbox"/> Recommend to Approved</p> <p><input type="checkbox"/> Recommend NOT to Approve</p> <p>Forward for Open Hearing:</p> <p><input checked="" type="checkbox"/> WITHOUT Reservations</p> <p><input type="checkbox"/> WITH Reservations:</p> <p>Comments:</p> <p style="text-align: right;"><u>Robert P. Heubeth</u> School CommitteeChr.</p>
--	---	--

<b>Step #4 (Academic Dean):</b> <input checked="" type="checkbox"/> Recommended <input type="checkbox"/> NOT Recommended <input type="checkbox"/> Conditionally Recommended (See Comments)
Comments:
Dean Signature/Date <u>J. D. Carey</u> <u>10/28/97</u>

<b>Step #5 (Senate Curriculum Committee)</b> Open Hearing Date: <u>5-11-98</u> Approved by Curriculum Committee Date _____
Returned to Sponsor(s) for the following reason:

<b>Step #6 (Senate)</b> Date announced/voted on at Senate <u>1/2/98</u> If voted on: <input type="checkbox"/> Approved <input type="checkbox"/> NOT Approved
Date forwarded to Executive Vice President/Provost <u>10/7/98</u>
Senate Curriculum Committee chair Signature/Date: <u>Robert M. Reese</u>

Step #7 (Executive Vice President/Provost): Date Received \_\_\_\_\_

\_\_\_ Approved

\_\_\_ NOT Approved If no, reasons are as follows:

Student Credit Hours \_\_\_\_\_

Faculty Load Hours \_\_\_\_\_

Equalized Credit Hours \_\_\_\_\_

Official Copy & Approval Sheet Filed (Date) \_\_\_\_\_

Executive Vice President/Provost Signature \_\_\_\_\_

**Registrar**

Date Approved Course Description Received 11/13/98

Hegis Taxonomy and Course Number Assigned \_\_\_\_\_

Date/Signature of Registrar Robert A. Kulat 11/17/98

**Notification Forward:**

\_\_\_ Senate Curriculum Committee Chairperson

\_\_\_ Department Chairpersons

\_\_\_ Academic Dean(s)

\_\_\_ Registrar

\_\_\_ Sponsor(s)

## Creation of a Graduate Specialization: Mechanical Engineering

### 1. Narrative

- a. Title and Sponsor: Specialization in Mechanical Engineering for the Degree of Master of Science in Engineering - T.R. Chandrupatla
- b. Need for the Program: There is a need to provide a graduate education which focuses on the needs of the graduate students in mechanical engineering.
- c. Relationship to Dept. And School: This specialization will reside within the Department of Mechanical Engineering.
- d. Summary of curriculum: The curriculum is provided in the graduate catalog for the Master of Science in Engineering.
- e. Implementation time frame: Effective Fall Semester 1998
- f. Resources required: No additional resources are required.

### 2. Details

- a. Title: Formation of a Specialization in Mechanical Engineering for the degree of Master of Science in Engineering.
- b. Sponsor: T.R. Chandrupatla
- c. Scope: This specialization will serve those students who wish to focus their studies in the area of mechanical engineering.
- d. Relationship to Curriculum: The program requirements are the same as those for the Master of Science in Engineering except for the specification of the technical electives as given in Section 4c of this proposal.
- e. Prerequisites: The admissions requirements are the same as for the Master of Science in Engineering program, as provided in the College Catalog.

**MS in Engineering (no specialization)**

This option is available for those who plan to take courses across disciplines.  
21-24 credits of Technical Electives.

Each degree candidate is expected to closely coordinate his/her program of study with a faculty advisor.