Wilkes University Curriculum Committee

PROPOSAL SUBMITTAL FORM

Directions:

- Use this set of forms for all proposals sent to the Curriculum Committee.
- Pages 1-3 of this document are required. Any unnecessary forms should be deleted from the packet before submissions. If multiple forms are needed (course addition, course deletion, etc), simply copy and paste additional forms into this packet.
- Note that all new programs (majors and minors), program eliminations, significant program revisions and all general education core revisions must be reviewed and approved by the Provost and Academic Planning Committee (APC) prior to submission to the Curriculum Committee. The Provost will make the decision if a program revision requires APC review.
- Completed and signed forms are due no later than the second Tuesday of every month. Submit one signed original hard copy and a scanned electronic copy with all signatures to the Chair of the Curriculum Committee.

1. Originator: Wei Du, Department of Electrical Engineering and Physics x4720; wei.du@wilkes.edu

2. Proposal Title: Pre-requisite to EE271 Semiconductor Devices of MTH211 Introduction to Ordinary Differential Equations

3. Check only one type of proposal: (double click on the appropriate check box and change default value to “checked”).
   - [ ] New Program. (Major or Minor Degree Programs). This requires prior review and approval by the Provost and APC.
   - [ ] New Concentration, Track, or Certificate. The Provost determines if review and approval by APC is necessary.
   - [ ] Elimination of Program. (Major or Minor Degree Programs). This requires prior review and approval by the Provost and APC.
   - [ ] Elimination of Concentration, Track, or Certificate. The Provost determines if review and approval by APC is necessary.
   - [ ] Program Revision. Significant revisions to a program require review and approval by the Provost. The Provost determines if review and approval by APC is necessary.
   - [ ] General Education Revision. Submissions only accepted from the General Education Committee (GEC). Must be reviewed and approved by the Provost.
   - [ ] Creation of new departments, elimination of existing department. This requires prior review and approval by the Provost and APC.
   - [ ] Course additions or deletions not affecting programs (such as elective courses, transition of “topics” courses to permanent courses).
   - [ ] Change in course credit or classroom hours.
   - [x] Incidental Changes. Includes changes in course/program title, course descriptions, and course prerequisites. (Although these changes do require approval by the Curriculum Committee, they do not go before the full faculty for approval).
   - [ ] Other (Specify)
4. Indicate the number of course modification forms that apply to this proposal:

- Course Addition Form (plus syllabi)
- Course Deletion Form
- 1 Course Change Form

5. Executive Summary of Proposal.
   Briefly summarize this proposal. The breadth and depth of this executive summary should
   reflect the complexity and significance of the proposal. Include an overview of the
   proposal, background and reasoning behind the proposal and a description of how the
   proposal relates to the mission and strategic long-range plan of the unit and/or university.
   For incidental changes a one or two sentence explanation is adequate.

   This proposal is to add a pre-requisite to EE 271 Semiconductor Devices of MTH 211 Introduction
   to Ordinary Differential Equations. The pre-requisite course provides essential skill to solve
   differential equation problems, which is required to understand the semiconductor device physics
   such as diode equation, current calculation, etc. Without knowledge provided from MTH 211,
   students cannot solve equations to find the appropriate solutions for semiconductor devices.

6. Other specific information. (Not applicable for incidental changes.)

   What other programs, if any, will be affected by this proposal? Describe what resources
   are available for this proposal. Are they adequate? What would be the effect on the
   curriculum of all potentially affected programs if this proposal were adopted? Include any
   potential effects to the curriculum of current programs, departments and courses.

   No other program will be affected by this change.

7. Program Outline. (Not applicable for incidental changes).
   A semester-by-semester program outline as it would appear in the bulletin for a new
   program or any modified program with all changes clearly indicated.
8. Signatures and Recommendations. (please date)
   - Signatures of involved Department chair(s) and Dean(s) indicate agreement with the proposal and that adequate resources (library, faculty, technology) are available to support proposal.
   - If a potential signatory disagrees with a proposal he/she should write "I disagree with this proposal" and a signed statement should be attached to this submission.

Robert Taylor, Ph.D., Chair EE/PHY
Print Name/Title                          Signature                      Date
Department chair(s) of all potentially affected programs

Prahlad Murthy, Ph.D., Interim Dean – CSE
Print Name/Title                          Signature                      Date
Dean(s) of any potentially affected College/School.

Print Name                          Signature                      Date
Registrar

Print Name                          Signature                      Date
Provost (For new programs, significant revisions and revisions to the General Education Program revisions only).
   Provost should check here ___ if this proposal is a program revision AND the significance of the revision requires review and approval by APC prior to Curriculum Committee.

Print Name                          Signature                      Date
Chair, Academic Planning Committee. For new programs, program revisions sent via the provost. Signature indicates that the proposal has been reviewed and approved by APC.

Print Name                          Signature                      Date
Chair, General Education Committee. For revisions to General Education program only. (Signature indicates that the proposal has been approved by GEC).
Wilkes University Curriculum Committee
COURSE CHANGE FORM

**Directions:** Use this form to change information relating to an existing course. Please note, changes to course number require separate course addition/deletion forms (not this form!). Only indicate changes that are proposed (existing and proposed), other fields should be left blank.

**Course Number:** EE 271  
**Course Title:** Semiconductor Devices

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Existing</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Credit hours.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Indicate classroom, lab or “other” hours.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Course Prerequisites         | CHM 117: pre-requisite  
PHY 202: pre-requisite | CHM 117: pre-requisite  
PHY 202: pre-requisite  
MTH 211: pre-requisite |
| Course Description (as proposed for Bulletin)

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1 Course descriptions provide an overview of the topics covered. If the course is offered on a scheduled basis, i.e. every other year, or only during a set semester, note this in the description. Course descriptions should be no more than two to three sentences in length.