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: Name: Prof. Abas Sabouni
   Department of Electrical Engineering and Physics
   Phone and email: abas.sabouni@wilkes.edu, 408-3542

2. Proposal Title: Modifying pre-requisites for EE 382

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 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 remove EE 337 (Electromagnetics I) as a Pre-requisite and to add MTH 211 (Differential Equations), MTH 212 (Multivariable Calculus) and PHY 214 (Physical Systems) as Pre-Requisites for EE 382. Multivariable Calculus and Differential Equations are essential for signal processing, digital and analog modulations and error of channel analysis, as is the treatment of probability, correlation functions, and numerical simulation of linear systems covered in PHY 214.

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.

   Since MTH 211 and MTH 212 are already required for our majors, there will be no new impact upon the Math/CS department. No other programs other than EE require this course for their major course of study.

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.

Dr. Gregory Harms/ Chair Dept. of EE
Print Name/Title: Dr. Gregory Harms
Signature: __________________________
Date: 11/9/2017
Department chair(s) of all potentially affected programs

Dr. Barbara Bracken/ Chair Dept. of MTH/CS
Print Name/Title: Dr. Barbara Bracken
Signature: __________________________
Date: 11/13/2017
Department chair(s) of all potentially affected programs

Dr. William Hudson/ Dean CSE
Print Name/Title: Dr. William Hudson
Signature: __________________________
Date: 12/11/2017
Dean(s) of any potentially affected College/School.

Print Name: Susan Hritzak
Signature: __________________________
Date: 12/1/17
Registrar

Print Name: Anne A. Scholten
Signature: __________________________
Date: 12/5/17
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: [Name]
Signature: __________________________
Date: [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: [Name]
Signature: __________________________
Date: [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.

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>EE 382</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title:</td>
<td>Modern Communication Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Existing</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Title</td>
<td></td>
</tr>
<tr>
<td>Course Credit hours. (Indicate classroom, lab or “other” hours.)</td>
<td></td>
</tr>
<tr>
<td>Course Prerequisites</td>
<td>EGR 214 (or PHY 214), EE 337, EE252</td>
</tr>
<tr>
<td>Course Description (as proposed for Bulletin)</td>
<td>MTH 211, MTH 212, EGR 214 (or PHY 214), EE 252</td>
</tr>
</tbody>
</table>

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.