UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Errol Lloyd (CIS) phone number x1958
Mark Mirotznik (ECE)

Department: Computer and Information Sciences email address elloyd@udel.edu
Electrical and Computer Engineering mirotzni@ece.udel.edu

Action: Create new MS degree program in Software Engineering
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term: 2010 Fall
(use format 04F, 05W)

Current degree NA
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: MS
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: MS in Software Engineering
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

Revising or Deleting: Not applicable.

Undergraduate major / Concentration: NA
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor NA
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change NA
(Must attach your Graduate Program Policy Statement)

Graduate Program of Study: NA
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration NA

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.
List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations?  
(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter “None”)

CISC611/CPEG611 - Software Process and Project Management  
CISC612/CPEG612 – Software Design  
CISC613/CPEG613 - Software Requirements Engineering  
CISC614/CPEG614 – Software Verification  
CISC615/CPEG615 – Software Testing and Maintenance  
CISC691/CPEG691 – Software Engineering Practicum

These are core courses in the proposed program.  CISC614/CPEG614 is currently offered as CISC603 and CISC615/CPEG615 has been offered as CISC879

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: [http://www.ugs.udel.edu/gened/](http://www.ugs.udel.edu/gened/)

NA

Identify other units affected by the proposed changes:  
(Attach permission from the affected units.  If no other unit is affected, enter “None”)

None other than CIS and ECE.

Describe the rationale for the proposed program change(s):  
(Explain your reasons for creating, revising, or deleting the curriculum or program.)

See attached proposal.

Program Requirements:  
(Show the new or revised curriculum as it should appear in the Course Catalog.  If this is a revision, be sure to indicate the changes being made to the current curriculum and include a side-by-side comparison of the credit distribution before and after the proposed change.)

See attached proposal.

ROUTING AND AUTHORIZATION:  
(Please do not remove supporting documentation.)

Department Chairperson __________________________________________ Date ____________________

Dean of College __________________________________________ Date ____________________

Chairperson, College Curriculum Committee ______________________ Date ________________

Chairperson, Senate Com. on UG or GR Studies_____________________ Date ________________

Chairperson, Senate Coordinating Com. __________________________ Date ________________

Secretary, Faculty Senate _______________________________________ Date ________________

Date of Senate Resolution __________________________ Date to be Effective ________________

Registrar __________________________________________ Program Code ________________ Date ____________________

Vice Provost for Academic Affairs & International Programs _____________ Date ____________________

Provost _______________________________________________ Date ____________________

Board of Trustee Notification ___________________________________ Date ____________________