George Mason University
Graduate Course Approval/Inventory Form

Please complete this form and attach a copy of the syllabus for new courses. Forward it as an email attachment to the Secretary of the Graduate Council. A printed copy of the form with signatures should be brought to the Graduate Council Meeting. Complete the Coordinator Form on page 2, if changes in this course will affect other units.

Please indicate: _____ NEW  _XX_ MODIFY  _____ DELETE

Local Unit:  ISE  Graduate Council Approval Date:

Course Abbreviation:  SWE  Course Number: 621

Full Course Title: Software Modeling and Architectural Design

Abbreviated Course Title (24 characters max.): Software Model/Arch Dsgn

Credit hours: 3  Program of Record: Software Engineering

Repeatable for Credit?  ___ D=Yes, not within same term  Up to hours

___ T=Yes, within the same term  Up to hours

_X_ N=Cannot be repeated for credit

Activity Code (please indicate):  _X_ Lecture (LEC)  ___ Lab (LAB)  ___ Recitation (RCT)

___ Studio (STU)  ___ Internship (INT)  ___ Independent Study (IND)  ____ Seminar (SEM)

Catalog Credit Format  3: 3 : 0  Course Level:  GF(500-600)  _X_  GA(700+)

Maximum Enrollment: 40  For NEW courses, first term to be offered:

Prerequisites or corequisites:  SWE 619, with 620 recommended

Catalog Description (35 words or less)  Please use catalog format and attach a copy of the syllabus for new courses.: Concepts and methods for the architectural design of large-scale software systems. Fundamental design concepts and design notations are introduced. Several design methods are presented and compared. In-depth study of object-oriented analysis and design modeling using the Unified Modeling Language (UML) notation. Students participate in a group project on object-oriented software design.

For MODIFIED or DELETED courses as appropriate:

Last term offered:  Fall 2004  Previous Course Abbreviation:  Software Design  Previous number: 621

Description of modification: Changed name to reflect current emphasis in course

APPROVAL SIGNATURES:
Submitted by:  __Jeff Offutt________________________ email:  _ofut@gmu.edu_

Department/Program:  ___________________________ Date:  __________________

College Committee:  ___________________________ Date:  __________________

Graduate Council Representative:  ___________________________ Date:  ________________
Approval from other units:

Please list those units outside of your own who may be affected by this new, modified, or deleted course. Each of these units must approve this change prior to its being submitted to the Graduate Council for approval.

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Graduate Council approval: ___________________________ Date: __________  
Graduate Council representative: _____________________ Date: __________  
Provost Office representative: _______________________ Date: __________