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: 619

Full Course Title: Object-Oriented Software Specification and Construction

Abbreviated Course Title (24 characters max.):  OO Software Spec/Const

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 foundation courses

Catalog Description (35 words or less) Please use catalog format and attach a copy of the syllabus for new courses: An in-depth study of software construction using a modern, object-oriented language with support for graphical user interfaces and complex data structures. Specifications, design patterns, and abstraction techniques, including procedural, data, iteration, type, and polymorphic. Information hiding, classes, objects, and inheritance. Exception handling, event-based systems, and concurrency.

For MODIFIED or DELETED courses as appropriate:
Last term offered: Fall 2004  Previous Course Abbreviation: Software Construction  Previous number: 619

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

APPROVAL SIGNATURES:
Submitted by:  _____________________________ email:  __ofut@gmu.edu__

Department/Program:  _____________________________ Date:  __________________

College Committee:  _____________________________ Date:  __________________

Graduate Council Representative:  _____________________________ Date:  __________________
**GEORGE MASON UNIVERSITY**  
Course Coordination Form

**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: __________