# Catalog Description of the Course

**OLD**
- Prefix: COMP  
- Course#: 550  
- Title: Object-Oriented Software Engineering  
- Units: (3)  
- Hours per week:  

<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Description</th>
<th>Gen Ed Categories</th>
<th>Lab Fee Required</th>
<th>Optional (Student’s choice)</th>
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**NEW**
- Prefix: COMP  
- Course#: 550  
- Title: Advanced Software Engineering  
- Units: (3)  
- Hours per week:  

<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Description</th>
<th>Gen Ed Categories</th>
<th>Lab Fee Required</th>
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# Mode of instruction

**Existing**
- Lecture:  
- Seminar:  
- Laboratory:  
- Activity:  

**Proposed**
- Lecture:  
- Seminar:  
- Laboratory:  
- Activity:  

# Course Content in Outline Form if Being Changed

**OLD**

**NEW**

# Justification and Learning Objectives for the Course

**OLD**

**NEW**

# References

**OLD**

**NEW**

# Indicate Changes and Justification for Each

- Course title  
- Prefix/suffix  
- Course number  
- Units  
- Staffing formula and enrollment limits  
- Prerequisites/corequisites
Justification Software Engineering is an area of Computer Science that is growing rapidly. Using "object-oriented" in the old title is restrictive, so we propose to change that to "advanced" to accommodate new advances in the area that may lay outside of that restriction.

7. If this modification results in a GE-related change indicate GE category affected and Attach a GE Criteria Form:

A (English Language, Communication, Critical Thinking)
- A-1 Oral Communication
- A-2 English Writing
- A-3 Critical Thinking

B (Mathematics, Sciences & Technology)
- B-1 Physical Sciences
- B-2 Life Sciences – Biology
- B-3 Mathematics – Mathematics and Applications
- B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)
- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

8. New Resources Required. YES ☐ NO ☐
   If YES, list the resources needed and obtain signatures from the appropriate programs/units on the consultation sheet below.

   a. Computer (data processing), audio visual, broadcasting needs, other equipment

   b. Library needs

   c. Facility/space needs

9. Will this course modification alter any degree, credential, certificate, or minor in your program? YES ☐ NO ☐
   If, YES attach a program modification form for all programs affected.

Proposer of Course Modification Date
Approvals
Program/Course:

_________________________________________________________
Program Chair(s)     Date

_________________________________________________________
General Education Chair(s)    Date

_________________________________________________________
Curriculum Committee Chair(s)   Date

_________________________________________________________
Dean of Faculty       Date