Course Inventory Change Request

New Course Proposal

Date Submitted: 11/30/15 11:50 am

Viewing: WEB 3450: Software Engineering

Last edit: 01/04/16 4:52 pm

Changes proposed by: d00038752

Course Prefix: WEB
Course Number: 3450
Effective Semester: Fall 2016
Department: Computer Information Technology (CIT)
School: School of Science & Technology
Course Title: Software Engineering
Short Course Title: Software Engineering

Credits: 3
Workload Factors: 3
Primary Grade Type: Standard Letter
Secondary Grade Type: 
Instructor Permission Required: No

In Workflow
1. CIT Chair
2. SC Dean
3. University Curriculum Committee Chair
4. Banner

Approval Path
1. 11/30/15 1:46 pm Bart Stander (stander): Approved for CIT Chair
2. 12/02/15 1:57 pm Ruth Bruckert (bruckert): Approved for SC Dean

https://newcatalog.dixie.edu/courseleaf/approve/?role=admin
Repeatable for Credit: No
Schedule Type: Lecture  Hrs/Wk: 3
Catalog Prerequisites: Yes

Catalog Prerequisites: WEB 3200 (Grade C- or higher); AND WEB 3400 (Grade C- or higher).
Grade Required on Prerequisite(s): C-
Corequisites? No
Course/Lab Fee? Yes

Fee Amount  Fee Deposit Index Code  Fee Justification
25    TEC303  Maintain CIT infrastructure

Instruction Index Code: TEC203
GE Status Requested: No
Catalog Description: Students will take on a challenging team project. Students will also learn about the software lifecycle and its phases. Dual listed with MIS 4450 & CS 2450 (students may take only one course for credit).
Course Rotation: Fall (every)
Spring (every)
Justification for Some Web students have shown interest in a course that teaches team project development. There
course/change: is need for additional upper level Web courses. The existing software development course could use Web students on their teams.

<table>
<thead>
<tr>
<th>Library Resources Adequate:</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tech Resources Adequate:</td>
<td>Yes</td>
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Comparables Courses:
(Use USHE course first)

<table>
<thead>
<tr>
<th>Institution</th>
<th>Prefix/Number</th>
<th>Credit(s)</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dixie State University</td>
<td>CS 2450</td>
<td>3</td>
<td>Software Engineering</td>
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</tbody>
</table>

Course Learning Outcomes:
- The students will learn to manage IT projects.
- The students will learn to work as a team.
- The students will understand the software lifecycle.
- The students will gain experience in a large scale software project.