

**Undergraduate Curriculum Committee  
Minutes for 1/27/04**

**Meeting Attendees:**

Joe Fadyen, MATH  
Daren Wilcox, ECET  
Mary McShane Vaughn, IET  
Ron Schroeder, CSE  
Tom Wiseman, HTC  
T. Warsi, MGT  
Greg Conrey, MET

Al Churella, SIS  
Mike Beach, BCD  
Madhavi Sethna, IT  
Barbara Bernal Thomas, SWE  
Yongli Ma, Library  
Mehrdad Mesbahi, CET  
Charles Bachman, ECET

**Ex-officio:**

Mike Murphy, Dean CSE  
Alan Gabrielli, Dean A&S  
Britt Pearce, Dean ET &M

Linda Whinton, Registrar's Office  
Dave Cline, Registrar's Office  
Dave Hornbeck, VPAA

**Visitors :**

Jim Wright, HTC adjunct faculty

**Old Business (tabled due to lack of time)**

**1. Records:** Student Petition – Jason Hughes  
Motion: reject student petition

**Passed**

**New Business**

**2. HTC:** New Course - ARTS 2005 **Passed**  
ARTS 2005 University Bands 1 credit hour (may be repeated for credit)

Catalog Description: University Bands---involves the study, rehearsal, and performance of concert band literature through the concert band performance medium with emphasis primarily in the Western European art music tradition of the past 500 years, although there will be some exposure to music of other cultures. Students will develop skills in tone production, intonation, and technique, and become knowledgeable in music theory, aural skills, and music history.

**3(a). SWE:** Change in Course Title and Description – SWE 4633 **Passed**  
SWE 4633 Component-Based Software Development Prerequisite: SWE 3643

This course covers a wide range of component-based software development skills, from analyzing and modeling a problem with component-based notations and architectures, to implementing a solution using a particular component technology. The principles and methodologies in component based software development will be discussed in depth focusing on component-oriented programming and its related technologies. Component-based tools and languages, approaches for implementation of component-based software, including designing, building, assembling, and deploying reusable Commercial off the Shelf (COTS) and in-house software components are discussed. Students will do projects focused on the life cycle of software components in various component technologies.

**3(b). SWE:** Change in Course Title and Description – SWE 3633      **Passed**  
SWE 3633 Software Systems Architecture      Prerequisite: SWE 2623 & CS 3424

This course covers the fundamental design principles and strategy for software architecture and design. Architectural styles, quality attributes, notations and documents, reference architecture, domain-specific architecture in architecture process and pattern-oriented design, component-oriented design, and interface design in detail design process are discussed.

**3(c). SWE:** New Courses – SWE 4901 - 4904      **Passed**  
SWE 4901 – 4904 Special Topics      1-4 credit hours  
Prerequisite: As determined by the instructor and Department Chair.

Special Topics selected by Department Chair. Offered on a demand basis. A student may repeat this course with special permission. Special Topics may cover the state of the area of Software Engineering.

**4(a). BCP:** Addition of “Pre-Professional Track” to the Biology program      **Passed**  
Proposed Curriculum attached.

**4(b). BCP:** Addition of “General Biology Track” to the Biology program      **Passed**  
Proposed Curriculum attached.

**4(c). BCP:** Addition of GPA requirements to Biology program description in catalog.  
**Tabled**

**5. Announcement:** The new UCC Proposed Course Change FORM can be found at:  
<http://www2.spsu.edu/registrar/committees.html>

Respectfully submitted,

Barbara Bernal Thomas  
SWE Dept./ UCC Secretary