Report: Committee on Curricula and Courses

(For consideration by the Faculty Senate at its April 2, 2003 meeting.)

The Committee requests that any department which has a proposal being recommended by the Committee on Curricula and Courses provide a spokesperson to attend the Faculty Senate meeting in which said proposal is to be recommended. Please contact Gary Blanpied (Physics & Astronomy) in advance if errors are noted, either by phone: 777-2599 or e-mail: blanpied@mail.psc.sc.edu

I. COLLEGE OF ENGINEERING

A. Department of Computer Science and Engineering

New courses
CSCE 548 Building Secure Software. (3) (Prereq: CSCE 510 or consent of instructor) Construction of software systems resistant to vulnerabilities and attacks. Cryptographic tools. Language, operating system, and network security. Case studies. Development of best practices through programming assignments.

II. COLLEGE OF LIBERAL ARTS

A. Department of Government & International Studies

Change in title and description
From: GINT 432 Race, Ethnicity and World Politics. (3) Racial and ethnic influences in domestic and international politics, including the sources, nature, and resolution of racial and ethnic conflict among nations.
To: GINT 432 Nationalism and Ethnicity in World Politics. (3) Nationalism and ethnicity as factors in world politics, including the sources, nature, and analysis of conflicts associated with them.

B. Department of Theatre & Dance

Change in course number and prerequisites
From: THEA 289 Introduction to Costume Design. (3)
To: THEA 489 Introduction to Costume Design. (3) (Prereq: THEA 280 or permission of instructor)

III. COLLEGE OF MASS COMMUNICATIONS AND INFORMATION STUDIES

A. School of Library and Information Science
New courses
CLIS 501  Teaching and Training in Distributed Environments. (3)
Knowledge and skills for applying complementary technologies
for learning in distributed learning environments (Pre-K-lifelong)
through lecture, demonstration, and discussion.
Also approved to be offered via telecommunications/internet.

CLIS 600  Storytelling: Theory, Practice, and Development. (3) Storytelling
methods, techniques and materials encompassing heritage, art,
literature, and programming.

IV. COLLEGE OF SCIENCE AND MATHEMATICS

A. Department of Biological Sciences

New courses
BIOL 671  Plant Responses to the Environment. (3) Physiological, molecular
and genetic examination of induced plant responses to various
biotic and abiotic environmental stresses.

B. Marine Science Program

New course
MSCI 101  Introductory Oceanography I. (4) (Prereq: science, engineering or
education major or consent of instructor) Origin and evolution of
the oceans, plate tectonics, ocean circulation, waves and tides,
chemical composition and primary productivity. Three lecture and
three laboratory hours per week. Scheduled field trips required.

MSCI 102  Oceanography II. (4) (Prereq: science, engineering or education
major or consent of instructor) Origin, evolution, and diversity of
marine life, biological production, trophic dynamics, nutrient
cycles, marine resources and environmental concerns. Three
lecture and three laboratory hours per week. Scheduled field trips
required.

V. EXPERIMENTAL COURSES: For the Senate’s Information only.

COLLEGE OF SCIENCE AND MATHEMATICS

Department of Physics & Astronomy
PHYS 200X  Discovering Physical Science. (3) (Prereq: PHYS 101 or CHEM
102 or higher) Introductory topics in physical science explored
with observations, measurements, calculations and spread sheets.
Lectures, demonstrations and laboratory experience