REPORT: COMMITTEE ON CURRICULA AND COURSES

(For consideration by the Faculty Senate at its February 11, 2004 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

1. COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

   Department of Electrical Engineering

   Change in title, prerequisite, and description
   From: ELCT 301 EE Laboratory II. (3) (Prereq: ELCT 201, ELCT 371, CSCE 212) Design and implementation of programmable electronics systems and other electronic circuits.
   To: ELCT 301 Electronics Laboratory. (3) (Prereq: ELCT 201, 371) Design and implementation of analog and digital electronic circuits.

2. COLLEGE OF HOSPITALITY, RETAIL, AND SPORT MANAGEMENT

   A. Department of Hotel, Restaurant, & Tourism

   Change in prerequisite
   From: HRTM 473 Club Cuisine and Service. (3) (Prereq: HTRM 370 or 372)
   To: HRTM 473 Club Cuisine and Service. (3)

   B. Department of Retailing

   New course
   RETL 662 Customer Relationship Management for the Retail Industry. (3) The analysis of customer relationship management for retailers utilizing merchandising principles and industry software.

   C. Program of Technology Support and Training Management

   Change in curriculum, printed Undergraduate Bulletin 2003-2004, pages 159-161

| Current Administrative Information Management (124-133 hours) | Proposed Technology Support and Training Management (125 hours minimum for major) |
| This major in the Department of Retailing offers a degree program that prepares graduates for careers in information management. The program prepares graduates to analyze and design administrative office systems, select and implement appropriate technology. | This major prepares graduates for careers in technology support and training management. The program focuses on the management and support of network, database, and training systems. The program includes a core of liberal arts courses, |
technologies, and evaluate and manage personnel. The program includes a core of liberal arts courses, specialized computer technology and management courses related to the field and an internship in the industry.

Progression Requirements for Administrative Information Management

In addition to the college progression requirements, to enroll in the professional division of information management a student must complete the 45 hours in the courses indicated below with a minimum grade point average of 2.0. Students who do not meet the specific course, semester hour, and grade point average requirements for progression must continue in the pre-professional division or change to another major. Graduation requires a 2.0 GPA.

1. Curriculum for the Pre-Professional Division (45 credits)

General Education (12 hours)
ENGL 101 and 102 (6)
Mathematics (6)
To be satisfied using one of the following options:
- MATH 122 or higher and a second higher MATH course, except MATH 221, 222;
- MATH 122 or 141 and an additional course in computer science (above CSCI 101), statistics, or PHIL 110 or 111;
- two courses in one of the following areas: computer science (above CSCI 101), statistics, or PHIL 110 and 111.

Administrative Information Management Core Courses: AIME 164, 342, 343, 345, 346, 348, programming class (21 hours)

Other Courses (12 hours)
It is recommended that the students complete the courses required in the University core.

2. Restricted Courses
The following courses are restricted to students enrolled in the professional division of information management or those students who receive special permission from the department chair: AIME 445, 447, 448, 545, 560, 564.

3. Additional Course Grade Requirements
All courses used to meet major requirements must be completed with a grade of C or better.

specialized computer technology and management courses related to the field, and a professional internship in the industry.

Progression Requirements for Technology Support and Training Management

To enroll in the professional division a student must complete the 45 hours in the courses indicated below with a minimum grade point average of 2.0. Students who do not meet the specific course, semester hour, and grade point average requirements for progression must continue in the pre-professional division or change to another major. Graduation requires a 2.0 GPA. In order to satisfy the requirements for a degree in Technology Support and Training Management and regardless of other satisfactory work, a student may not repeat a TSTM course a third time.

Curriculum for the Pre-Professional Division (45 credits)

General Education (12 hours)
ENGL 101 and 102 (6)
Mathematics (6)
To be satisfied using one of the following options:
- MATH 122 or higher and a second higher MATH course, except MATH 221, 222;
- MATH 122 or 141 and an additional course in statistics

Technology Support and Training Management Core Courses: TSTM 342, 343, 345, 346, 348, 352, 362 (21 hours)

Other Courses (12 hours)
It is recommended that the students complete 12 hours of course work required in the University core.

Additional Requirements

1. Restricted Courses
The following courses are restricted to students enrolled in the professional division of technology support and training management or those students who receive special permission from the department chair: TSTM 444, 445, 447, 448, 544, 545, 560, 562, 564, 570.

2. Additional Course Grade Requirements
All courses used to meet major requirements must be completed with a grade of C or better.
### Degree Requirements for Administrative Information Management

1. **General Education Requirements**
   **Liberal Arts (33-34)**
   One course from ENGL 282-286 or above (3)
   Eight courses from the College of Liberal Arts (24-25) to include:
   a. one course in history;
   b. one fine arts class (art, music, theater);
   c. SPCH 140;
   d. one course from PSYC or SOCY;
   e. ECON 224;
   f. one course in GINT;
   g. foreign languages--students shall demonstrate in one foreign language the ability to comprehend the topic and main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of two (2) or better on a USC foreign language proficiency test. Those failing to do so must satisfactorily complete equivalent study of foreign language at USC.

   **Mathematics and Sciences (13-15)**
   Numerical and analytical reasoning (6-7 hours). This requirement may be fulfilled in one of the following ways:
   a. MATH 122 or 141, plus an additional course from PHIL 110, 111, mathematics (at the next highest level), computer science, or statistics; or
   b. two courses from one of the following fields--philosophy (110 and 111 only) or computer science (above CSCI 101) or statistics.

   Two courses (one of which must have a laboratory) from the following sciences: astronomy, biology, chemistry, geological sciences, marine science, or physics (7-8 hours)

2. **Major Requirements**
   **Related Courses (21)**
   RETL 261, RETL 262, AIME 240 or ACCT 324, STAT 110 or STAT 201 or MGSC 291, RETL 344 or MGMT 371
   Approved Elective: suggested courses include AIME 444, RETL 310, HRTA 364 or SPTA 435
   Programming Course: suggested courses include CSCE 145, 204, 205, 206, 207, and 209

### Degree Requirements for Technology Support and Training Management

1. **General Education Requirements**
   **Liberal Arts (33 hours)**
   One course from ENGL 282-286 or above (3)
   Eight courses from the College of Liberal Arts (24 hours) to include:
   a. one course in history;
   b. one fine arts class (art, music, theater);
   c. SPCH 140;
   d. one course from PSYC or SOCY;
   e. ECON 224;
   f. one course in POLI;
   g. foreign languages--students shall demonstrate in one foreign language the ability to comprehend the topic and main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of two (2) or better on a USC foreign language proficiency test. Those failing to do so must satisfactorily complete equivalent study of foreign language at USC.

   **Mathematics and Sciences (13-15 hours)**
   Numerical and analytical reasoning (6-7 hours). This requirement may be fulfilled in one of the following ways:
   a. MATH 122 or higher and a second higher MATH course, except MATH 221, 222
   b. MATH 122 or 141 and an additional course in statistics

   Two courses (one of which must have a laboratory) from the following sciences: astronomy, biology, chemistry, geological sciences, marine science, or physics (7-8 hours)

2. **Major Requirements**
   **Related Courses (18 hours)**
   RETL 261, RETL 262, TSTM 240 or ACCT 324, TSTM 342, RETL 344 or MGMT 371
   Approved Elective selected from: TSTM 545, 562, 570

   **Technology Support and Training Management Major Courses (46)**
   TSTM 301, 343, 345, 346, 348, 352, 362, 370, 444, 445, 447, 448, 544, 546, 560, 564
3. Minor or General Electives (12-18 hours)
Total hours required (124-127)

3. Minor or General Electives (18 hours)
Total hours required (125)

**Change in designator**
From: AIME
To: TSTM 240  TSTM 243
TSTM 264  TSTM 399

**Change in designator and description**

From: AIME 164 Introduction to Office Automation. (3) Overview of office automation systems including technology, human relations, improved productivity, and essential procedures within organizational and environmental contexts.
To: TSTM 164 Introduction to Office Automation. (3) Overview of automation systems including technology, human relations, improved productivity, and essential procedures within organizational and environmental contexts.

From: AIME 444 Corporate Training and Development. (3) Corporate training of employees in office systems, needs assessment, instructional design, implementation, evaluation, and management.
To: TSTM 444 Corporate Training and Development. (3) Corporate training of employees: needs assessment, instructional design, implementation, evaluation, and management.

**Change in designator and prerequisite**
From: AIME 270 Records Control. (3) (Prereq: AIME 264)
To: TSTM 270 Records Control. (3) (Prereq: TSTM 264)

From: AIME 338 Integrated Document Production. (3) (Prereq: AIME 143 or equivalent)
To: TSTM 338 Integrated Document Production. (3)

From: AIME 342 Business Communications. (3) (Prereq: AIME 264 or AIME 343)
To: TSTM 342 Business Communications. (3) (Prereq: TSTM 264 or equivalent)

From: AIME 347 Advanced Office Procedures. (3) (Prereq: AIME 264 or approval of instructor)
To: TSTM 347 Advanced Office Procedures. (3) (Prereq: TSTM 264 or approval
From: AIME 370  Records Management. (3) (Prereq: AIME 348)
To: TSTM 370  Records Management. (3) (Prereq: TSTM 348)

From: AIME 448  Professional Internship. (6) (Prereq: AIME 447)
To: TSTM 448  Professional Internship. (6) (Prereq: Professional Division)

From: AIME 545  Telecommunications. (3) (Prereq: AIME 445 or consent of instructor)
To: TSTM 545  Telecommunications. (3) (Prereq: TSTM 445 or consent of instructor)

**Change in title, designator, and description**
From: AIME 443  Word processing Systems, Principles and Management. (3)
Management and supervision of word processing as a component of information processing systems.
To: TSTM 443  Business Education Technology Applications, Principles and Management. (3) Technology applications as a component of information processing systems.

**Change in title, designator, and prerequisite**
From: AIME 346  Concepts and Applications in the Office Environment II. (3)
(Prereq: AIME 164 and AIME 343)
To: TSTM 346  Applications for Technical Support I. (3) (Prereq: TSTM 343)

From: AIME 348  Concepts and Applications in the Office Environment III. (3)
(Prereq: AIME 164 and AIME 343).
To: TSTM 348  Applications for Technical Support II. (3) (Prereq: TSTM 343)

**Change in title, designator, prerequisite, and description**
From: AIME 343  Concepts and Applications in the Office Environment I. (3)
(Prereq: AIME 164) Critical electronic office applications, centering upon advanced electronic word processing, operating systems, and presentation graphics.
To: TSTM 343  Introduction to Technology Support and Training Management. (3)
Overview of technology support including operating systems, file management, and training.

From: AIME 345  Introduction to Office Networking. (3) (Prereq: AIME 164)
Design, architecture, standards, implementation, and administration of a client-server office networking environment.
To: TSTM 345  Introduction to Networking. (3) (Prereq: TSTM 343) Design, architecture, standards, implementation, and administration of a client-server networking environment.
| From: AIME 352 | End-User Interface Design for the Office. (3) (Prereq: AIME 346 and AIME 348) Development of graphical user interfaces for office applications. |
| To: TSTM 352 | End-User Interface Design. (3) (Prereq: TSTM 343) Development of graphical user interfaces. |
| From: AIME 362 | Administrative Communications. (3) (Prereq: AIME 243 and 342 or equivalent) Communication theory, research methods, meeting planning, dictation, video, audio, and teleconferencing techniques. |
| To: TSTM 362 | Web-based Support Systems. (3) (Prereq: TSTM 343) The development of web-based information systems for support and training. Communication technologies for the global dissemination of information including static information and multimedia content. |
| From: AIME 445 | Advanced Networking for the Office. (3) (Prereq: AIME 345) Advanced administration of office client/server networks with major emphasis on network operating system software. |
| To: TSTM 445 | Advanced Networking. (3) (Prereq: TSTM 345) Advanced administration of client/server networks with major emphasis on network operating system software. |
| From: AIME 447 | End-User Support in the Office. (3) (Prereq: AIME 370 and AIME 342) Overview of end-user technical support in the office with a focus on trouble shooting skills, tools, and techniques. |
| To: TSTM 447 | Technical Support. (3) (Prereq: Professional Division) Overview of technical support with a focus on trouble shooting skills, tools, and techniques. |
| From: AIME 560 | Analysis and Applications of Integrated Software. (3) (Prereq: AIME 352 and AIME 370) Microcomputer software applications. |
| To: TSTM 560 | Analysis and Applications of Project Management Software. (3) (Prereq: Professional Division) Microcomputer software applications for project management. |
| From: AIME 564 | Office Information Systems. (3) (Prereq: AIME 560) Integration of business software and technology into an office system. |
| To: TSTM 564 | Project Management for Information Systems. (3) (Prereq: TSTM 560) Integration of business software and technology in Information Technology systems. |
| From: AIME 590 | Special Topics in Office Information Management. (3) (Prereq: upper level and/or consent of instructor) Advanced concepts, issues, and trends in office information systems. Course content varies and will be announced in the schedule of classes by suffix and title. (May be repeated once for credit.) |
To: TSTM 590  Special Topics in Technology Support and Training Management. (3) (Professional Division or consent of instructor) Advanced concepts, issues, and trends in technology support and training management. Course content varies and will be announced in the schedule of classes by suffix and title. (May be repeated once for credit.)

**New courses**

TSTM 301  Professional Internship Seminar. (1) (Prereq: Professional Division) Preparation for professional internship.

TSTM 544  Training Systems. (3) (Prereq: Professional Division or consent of instructor) Theory, design, and implementation of technology based training systems including hardware and software solutions.

TSTM 562  Advanced Web Support Systems. (3) (Prereq: Professional Division) The development of advanced, dynamic, web-based information systems including the integration of back-end database/records management systems.

TSTM 570  Advanced Records Management and Administration. (3) (Prereq: Professional Division) Introduction to database administration and implementation using an enterprise-level Relational Database Management System (RDBMS).

3. **COLLEGE OF LIBERAL ARTS**

A. Department of Languages, Literatures, and Cultures

**Change in title and prerequisites**

From: FREN 400  La Civilisation Francaise. (3) (Prereq: FREN 310, 311; FREN 309 recommended)

To: FREN 400  La Civilisation française. (3) (Prereq: FREN 309, 310; FREN 311 recommended)

4. **COLLEGE OF PHARMACY**

**Change in curriculum, printed Undergraduate Bulletin 2003-2004, pages 304-305**

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**New course**
PHRM 432 Pathophysiology I. (2) (Prereq: first semester standing)
Introductions to signs, symptoms, etiology, and pathogenesis of human disease. Two lectures per week.

**Change in course number**
From: PHRM 640X Drug Interactions. (2)
To: PHRM 640 Drug Interactions. (2)

**Change in title and description**
From: PHRM 434 Pathophysiology. (3) (Prereq: second semester standing)
Introduction to medical terminology and to the symptoms, signs, etiology, and pathophysiology of human disease. Three lectures per week.
To: PHRM 434 Pathophysiology II. (3) (Prereq: second semester standing)
Continuation of PHRM 432. Three lectures per week.

**Change in prerequisite**
From: PHRM 694 Clinical Research Pharmacy Practice Experience. (4-12) (Prereq: seventh semester standing and faculty advisory approval)
To: PHRM 694 Clinical Research Pharmacy Practice Experience. (4-12) (Prereq: seventh semester standing)

From: PHRM 695 Advanced Specialty Pharmacy Practice Experience. (4-12) (Prereq: seventh semester standing and preceptor approval)
To: PHRM 695 Advanced Specialty Pharmacy Practice Experience. (4-12) (Prereq: seventh semester standing)

**Change in title and prerequisite**
From: PHRM 518 Pharmaceutics IV. (3) (Prereq: fourth semester standing)
To: PHRM 518 Pharmaceutics III. (3) (Prereq: third semester standing)

**Change in credit hours and description**
From: PHRM 445 Introduction to the Profession of Pharmacy. (2) (Prereq: first semester standing) Introduction to pharmacy practice environment and professional issues. Two lectures per week.
To: PHRM 445 Introduction to the Profession of Pharmacy. (3) (Prereq: first semester standing) Introduction to pharmacy practice environment and professional issues. Three lectures per week.

From: PHRM 446 Pharmaceutical Law. (2) (Prereq: sixth semester standing) State and federal laws and regulations governing pharmaceutical distribution and the practice of pharmacy. Two lectures per week.
To: PHRM 446 Pharmaceutical Law. (3) (Prereq: sixth semester standing) State
and federal laws and regulations governing pharmaceutical distribution and the practice of pharmacy. Three lectures per week.

From: PHRM 455 Integrated Pharmacy Laboratories/Recitation I. (3) (Prereq: first semester standing) Basic practice skills, dosage form technology and application of pharmaceutical science principles to pharmaceutical care. Three laboratories or recitations per week.

To: PHRM 455 Integrated Pharmacy Laboratories/Recitation I. (2) (Prereq: first semester standing) Basic practice skills, dosage form technology and application of pharmaceutical science principles to pharmaceutical care. Two laboratories or recitations per week.

From: PHRM 456 Integrated Pharmacy Laboratories/Recitation II. (3) (Prereq: first semester standing) Continuation of PHRM 455. Three laboratories or recitations per week.

To: PHRM 456 Integrated Pharmacy Laboratories/Recitation II. (2) (Prereq: first semester standing) Continuation of PHRM 455. Two laboratories or recitations per week.

From: PHRM 557 Integrated Pharmacy Laboratories/Recitation III. (3) (Prereq: third semester standing) Continuation of PHRM 456. Three laboratories and/or recitations per week.

To: PHRM 557 Integrated Pharmacy Laboratories/Recitation III. (2) (Prereq: third semester standing) Continuation of PHRM 456. Two laboratories and/or recitations per week.

From: PHRM 506 Medicinal Chemistry II. (3) (Prereq: fourth semester standing) Continuation of PHRM 505. Three lectures per week.

To: PHRM 506 Medicinal Chemistry II. (2) (Prereq: fourth semester standing) Continuation of PHRM 505. Two lectures per week.

From: PHRM 578 Pharmacotherapy II. (4) (Prereq: fifth semester standing) Continuation of PHRM 576. Four lectures per week.

To: PHRM 578 Pharmacotherapy II. () (Prereq: fifth semester standing) Continuation of PHRM 576. Three lectures per week.

From: PHRM 665 Drug and Poison Information. (3) (Prereq: fifth semester standing) The application of drug and poison information resources and principles of toxicology and poison control. Three lectures per week.

To: PHRM 665 Drug and Poison Information. (2) (Prereq: fifth semester standing) The application of drug and poison information resources and principles of toxicology and poison control. Two lectures per week.
From: PHRM 667 Pharmacotherapy II. (3) (Prereq: fifth semester standing)
Continuation of PHRM 578.
To: PHRM 667 Pharmacotherapy II. (4) (Prereq: fifth semester standing)
Continuation of PHRM 578. Four lecture hours per week.

Change in title, credit hours, and description
From: PHRM 661 Nonprescription Drug Products. (3) (Prereq: fourth semester standing) Composition, pharmacological action contraindications and cautions involved in the recommending and dispensing of non prescription drug products. Three lectures per week.
To: PHRM 661 Nonprescription Drug Products/Herbal and Alternative Medicine. (4) (Prereq: fourth semester standing) Composition, pharmacological action contraindications and cautions involved in the recommending and dispensing of over-the-counter and herbal drug products. Four lectures per week.

Deletion
PHRM 433 Human Anatomy and Medical Physiology. (3)

5. COLLEGE OF SCIENCE AND MATHEMATICS

A. Marine Science Program

New course
MSCI 460 Field and Laboratory Investigations in Marine Science. (4) (Prereq: MSCI 311 and 312) Intensive inquiry-based investigations combining oceanographic field sampling with laboratory measurements of collected samples using modern analytical instrumentation, and with analysis and integration of data into a final research report. Course conducted in residence at a marine field site.

B. Department of Mathematics

New courses
MATH 111I Intensive Basic College Mathematics. (4) (Prereq: qualification through placement) An intensive treatment of the topics covered in MATH 111. Four lectures or three lectures and two recitations or computer labs per week. Credit may not be received for both MATH 111 and MATH 111I.

MATH 590 Undergraduate Seminar. (1-3) (Prereq: consent of instructor) A review of literature in specific subject areas involving student presentations. Content varies and will be announced in the schedule of classes by suffix and title. (Pass-Fail grading. For undergraduate credit only.)