



South Carolina Commission on Higher Education

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CHE
10/2/2008
Agenda Item 7.02C.2

Dr. Garrison Walters, Executive Director

October 4, 2008

MEMORANDUM

TO: Dr. Layton R. McCurdy, Chairman, and Members, Commission on Higher Education

FROM: Dr. Bettie Rose Horne, Chair, and Members, Committee on Academic Affairs and Licensing *Beth Horne*

Consideration of Request for Amendment to Existing Licenses to Add New Programs

**B.S., Business Administration; B.S., Computer and Information Science; B.S.,
Electronics Engineering Technology; and B.S., Healthcare Administration
ECPI College of Technology, Charleston, Columbia, and Greenville**

Summary

ECPI College of Technology www.ecpi.edu requests approval of an amendment to its license to offer programs leading to the Bachelor of Science degree in Business Administration; Computer and Information Science; Electronics Engineering Technology; and Healthcare Administration. The programs will be delivered on-site at its branches in Charleston, Columbia, and Greenville and will also be available on-line and through hybrid course instruction. ECPI will implement the programs when enrollments support offering the junior- and senior-level courses. The proposal projects implementations beginning in Charleston in December 2008 with Business Administration and adding in January 2009 Healthcare Administration and February 2009 Computer and Information Science and Electronics Engineering; beginning in Greenville in January 2009 with Computer and Information Science and adding in June 2009 Business Administration, August 2009 Health care Administration, and January 2010 Electronics Engineering Technology; beginning in Columbia in August 2009 Healthcare Administration, and adding in November 2009 Computer and Information Science and January 2010 Electronics Engineering Technology and Business

Administration.

ECPI College of Technology, L.C., is a family-owned private proprietary (for-profit) institution; it was founded in the Commonwealth of Virginia in February 1966. The acronym ECPI stands for electronics, communications, programming, and information systems. In addition to its main campus in Virginia Beach, it operates in Newport News, Norfolk, and Manassas, Virginia; and in Greensboro, Raleigh, and Charlotte, North Carolina.

The Commission has licensed ECPI in Greenville since April 2000, Charleston since April 2004, and Columbia since March 2006 to offer programs leading to the A.A.S. degree in Computer and Information Science; Information Technology/Web Design; Medical Administration; Computer Electronics Engineering; and Health Science with a concentration in Medical Assisting. Also the institution offers non-degree programs leading to diplomas in several business/administration, computer, information technology, and medical concentrations and certificates in several information technology areas.

The Commission on Colleges of the Southern Association of Colleges and Schools (SACS) has accredited ECPI College of Technology since January 1998. ECPI is exempt from state licensing in Virginia; a degree-granting school operating in Virginia for 10 years under the same ownership with no adverse action by its accreditor or the U.S. Department of Education may be exempt from licensing in that state. ECPI is licensed by the Board of Governors of the University of North Carolina to offer programs leading to the A.A.S., A.S., and B.S. degrees in various technology, business, management, and medical disciplines.

The following information from the U.S. Department of Education shows student loan default rates at ECPI.

| OPE ID | School | Type | Control | PRGMS | | FY 2005 | FY 2004 | FY 2003 |
|--------|--|-------------------|-------------|--|-----------------------|---------|---------|---------|
| 010198 | ECPI College of Technology 5555 Greenwich Road Virginia Beach VA 23462-6542 | Bachelor's Degree | Proprietary | Federal Family Education Loan (FFEL) and Federal Direct Loan (FDL) | Default Rate | 7.4 | 5.4 | 5.7 |
| | | | | | No. in Default | 193 | 117 | 123 |
| | | | | | No. in Repay | 2598 | 2140 | 2131 |

The U. S. Department of Education sanctions a school when the school's three most recent cohort default rates are 25 percent or higher or if a school's current default rate is greater than 40 percent. Except in the event of a successful adjustment or appeal, such a school will lose FFEL, Direct Loan, and Federal Pell Grant program eligibility for the remainder of the fiscal year in which the school is notified of its sanction and for the following two fiscal years.

Each site includes space to house administrative offices, medical and electronics labs, lecture classrooms, library, and student lounges. The locations of ECPI in South Carolina are at 1001 Keys Drive, Greenville (29,000 square feet of space off I-385/Roper Mountain Road); 250 Berryhill Road, Columbia (18,350 square feet of space at Synergy Park off I-20 at Bush River Road), and 7410 Northside Drive, North Charleston (I-26 off Ashley Phosphate Road). In April 2008, expansion at the Charleston location added 18,000 square feet for a total of 27,500 square feet. The expansion included additional space for administrative and faculty offices, library, and classrooms.

Since 2007 ECPI has added seven EBSCOHOST online periodical databases. They are Business Source Premier, Computers and Applied Science, ERIC, Health Source: Consumer Edition, Health Source: Nursing Edition, MEDLINE, and Nursing Reference Center. Resources also added to the South Carolina branches include a total of 600 DVDs, videos, books, and periodicals. As of June 1, 2008, the library has site licenses for three vendors of digitized books: Netlibrary, Credo, and Safari Books Online. ECPI also purchased new SIRSI library automation software in 2007; the new online library is under construction and projected to be activated in Fall 2008.

In addition to administrative support personnel and full- and part-time faculty, ECPI employs at each branch a full-time campus president, director of education, financial aid director, registrar, and career counselor. Each campus president reports to the institution's president in Virginia Beach.

In compliance with the SACS requirements, at least 25 percent of the discipline course hours in each major must be taught by faculty members holding the terminal degree—usually the earned doctorate—in the discipline, or the equivalent of the terminal degree. In compliance with licensing regulations, all other faculty members must hold master's degrees with at least 18 graduate semester hours in the teaching discipline, or master's degrees with a major in the teaching discipline.

For admission to ECPI, candidates must have earned a high school diploma or General Educational Development (GED) certificate. Bachelor of Science applicants must score 950 or greater on the SAT, 20 on the ACT, or pass the ACT Computer Adaptive Placement Assessment and Support System (COMPASS) placement test. Applicants scoring within defined ranges are required to take one or more prerequisite courses (Introduction to Mathematics, Introduction to Writing). These prerequisite

courses are graded on a Pass/Fail basis and are in addition to the credit hours required in each program. Medical assisting program students must also provide documentation of a physical examination and proof of immunization prior to skills labs/clinical/externship studies. Applicants may be required to provide medical documentation regarding any disability or physical limitation prior to beginning class and may be asked to sign an awareness statement.

Associate degree programs are currently offered in three (Computer and Information Science, Electronics Engineering Technology, and Health Science) of the four new program areas. Junior- and senior-level classes will not be scheduled until a sufficient number of students are available to support instruction. ECPI projects that it will enroll in the B.S. programs by August 31, 2009, approximately 70 students in Charleston, 35 in Columbia, and 75 in Greenville.

Tuition (including textbooks) is \$5,925 per semester for the first and second academic years and \$6,450 per semester for the third and fourth academic years. The total for a program leading Bachelor of Science degree is \$49,500.

B.S., Business Administration

The program leading to the Bachelor of Science degree in Business Administration is 121 semester hours. Coursework includes 33 semester hours in General Education courses and 88 semester hours in the discipline. The program is designed to produce graduates who are equipped to meet the challenges of the fast-paced world of business. Students gain experience through real-world assignments and then apply their knowledge using project management skills. The curriculum for this program has been developed by faculty and input from advisory boards in direct response to the needs of industry. Courses assist in developing teamwork, individual responsibility, and creative applications of technology. Externships and capstone courses are required.

The Association of Collegiate Business Schools and Programs (ACBSP) and the Association of Advance Collegiate Schools of Business (AACSB) are the specialized accrediting organizations for this program. ECPI does not hold and does not plan to seek specialized accreditation. Practitioner licensure or certification is not required for employment. The U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook* lists management employment opportunities for holders of business administration credentials in a variety of settings including administrative services; advertising, marketing, promotion, and sales; advocacy, grantmaking, and civic organizations; banking; construction; education; facilities; finance; government; human resources; insurance; labor relations; medical and health services; public relations; and real estate.

Most four-year colleges and universities in the State offer programs in business

administration. Also for consideration by Committee on Academic Affairs and Licensing (CAAL) at its September 4 meeting is a proposal from the University of Phoenix to add a new site in Greenville at which it will also offer a program leading to the B.S. degree in Business Administration.

B.S., Computer and Information Science

The program leading to the Bachelor of Science degree in Computer and Information Science is 121 semester hours. Coursework includes 34 semester hours in General Education courses and 87 semester hours in the discipline. The program is designed to produce broadly educated individuals with the knowledge and skills necessary for success in positions that underscore the central role of information systems technology. The curriculum is designed to foster inquiry, research, analysis, and critical thinking while providing a broad foundation for lifelong learning. The degree provides students with theoretical, practical, and applied skills in computer-based information systems and the technologies that support them, as well as a broad perspective of the business environments in which information system technologies play a strategic role. The curriculum is based on industry needs, and students work in teams to complete applied technology projects. An externship and capstone project are required.

The Accrediting Board for Engineering and Technology, Inc., (ABET) accredits college and university programs in applied science, computing, engineering, and technology. ECPI does not hold and does not plan to seek specialized accreditation. Practitioner licensure or certification is not required for employment. The U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook* projects that computer scientists and database administrators occupations will grow much faster than average as organizations continue to adopt and integrate increasingly sophisticated technologies. Job increases will be driven by very rapid growth in computer systems design and related services, which is projected to be one of the fastest growing industries in the U.S. economy.

Several colleges and universities in the State offer bachelor's degree programs in computer science: Clemson, Coastal Carolina, College of Charleston, Francis Marion, State, The Citadel, U.S.C.–Columbia, U.S.C.–Upstate, Winthrop, Benedict, Furman, Southern Wesleyan, Saint Leo, Strayer, Voorhees, and Webster. Also for consideration by Committee on Academic Affairs and Licensing (CAAL) at its September 4 meeting is a proposal from the University of Phoenix to add a new site in Greenville at which it will also offer a program leading to the B.S. degree in Information Technology.

B.S., Electronics Engineering Technology

The program leading to the Bachelor of Science degree in Electronics Engineering Technology is 120 semester hours. Coursework includes 34 semester hours in General

Education courses, and 86 semester hours in the discipline. The curriculum is designed to prepare individuals to assist in the design, development, testing, and production of electrical/electronic equipment and components.

The Accrediting Board for Engineering and Technology, Inc., (ABET) accredits college and university programs in applied science, computing, engineering, and technology. ECPI does not hold and does not plan to seek specialized accreditation. Practitioner licensure or certification is not required for employment. The U.S. Department of Labor, Bureau of Labor Statistics (BLS), *Occupational Outlook Handbook*, projects that employment of engineering technicians will grow about as fast as the average for all occupations. Competitive pressures will force companies to improve and update manufacturing facilities and product designs, resulting in more jobs for engineering technicians. Further, the BLS projects that employment of electrical and electronic engineering technicians will grow more slowly than average. Although rising demand for electronic goods—including communications equipment, defense-related equipment, medical electronics, and consumer products—should continue to drive demand, foreign competition in design and manufacturing will limit employment growth. Job prospects will vary by specialty and location, depending on the health and composition of local industry. Opportunities will be best for individuals with an associate degree or extensive job training in engineering technology.

South Carolina State University offers a program leading to the B.S. in Electrical Engineering Technology at its Orangeburg campus, at Trident Technical College, at the University Center of Greenville, and beginning this fall, at Aiken Technical College. Benedict College offers a program leading to the B.S. in Electrical and Electronic Engineering Technologies.

B.S., Healthcare Administration

The program leading to the Bachelor of Science degree in Healthcare Administration is 124 credit hours. Coursework includes 33 semester hours in General Education courses and 91 semester hours in the discipline. The program is designed to prepare individuals for management and administrative careers in healthcare operations and services with the objective of providing knowledge essential to operational and project management in the healthcare field. The curriculum provides a basis in financial operations, human resources, resource management, strategic planning and marketing. Emphasis is placed on communication skills, organizational competencies, recognition of individual differences, and promotion of caring behaviors in the health care community.

While the Commission on Accreditation of Healthcare Management Education (CAHME) accredits professional master's degree programs in healthcare management, there is no specialized accrediting agency for baccalaureate-level programs like this one. Practitioner licensure or certification is not required for employment. The U.S.

Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook*, predicts that job opportunities will be good in the field of medical and health services management as the health care industry continues to expand and diversify, requiring managers to help ensure smooth business operations. Hospitals employ the most medical and health services managers. Employment will grow fastest in practitioners' offices and in home health care agencies as many services previously provided in hospitals will shift to these settings.

U.S.C.-Columbia and Benedict offer programs leading to the B.S. degree in Public Health; Clemson, Coastal Carolina, Morris, and South offer programs leading to the B.S. degree in Health Science; South University offers a program leading to the B.S. degree in Healthcare Management; and Webster offers a program leading to the B.A. degree in Management, Health Care Administration. Also for consideration by the Committee on Academic Affairs and Licensing (CAAL) at its September 4 meeting is a proposal from the University of Phoenix to add a new site in Greenville at which it will also offer a program leading to the B.S. degree in Health Administration.

Recommendation

The Committee on Academic Affairs and Licensing commends favorably to the Commission approval of an amendment to the license of ECPI College of Technology to offer in Charleston, Columbia, and Greenville programs leading to Bachelor of Science degree in (1) Business Administration; (2) Computer and Information Science; (3) Electronics Engineering Technology; and (4) Healthcare Administration, to be implemented when enrollments support offering the junior- and senior-level courses.

**BACHELOR OF SCIENCE
BUSINESS ADMINISTRATION**
121 Semester Hours

**GENERAL EDUCATION
33 Semester Hours**

(Three of the following)

| | | |
|--------|---|--------------------------|
| COM110 | 3 | Principles of Speech |
| ENG105 | 3 | College Composition I |
| ENG106 | 3 | College Composition II |
| ENG110 | 3 | English Composition |
| ENG120 | 3 | Advanced Composition |
| ENG230 | 3 | Mjr Writers in World Lit |
| ENG255 | 3 | Technical Writing |
| SPH150 | 3 | Communication |
| SPH230 | 3 | Intercultural Cmntns |

(Two of the following)

| | | |
|--------|---|----------------------|
| MTH115 | 3 | Finite Mathematics |
| MTH121 | 3 | College Mathematics |
| MTH125 | 3 | Intermediate Algebra |
| MTH131 | 3 | College Algebra |
| MTH140 | 3 | Statistics |
| MTH200 | 3 | Pre-Calculus |
| MTH201 | 3 | Calculus |

(One of the following)

| | | |
|--------|---|----------------------------|
| ENG210 | 3 | Critical Thinking |
| PHI230 | 3 | Ethics in the Modern World |
| HUM205 | 3 | Culture & Diversity |

(Three of the following)

| | | |
|--------|---|---------------------------|
| ECO101 | 3 | Introduction Economics |
| ECO201 | 3 | Macroeconomics |
| ECO202 | 3 | Microeconomics |
| ECO320 | 3 | Economic Analysis |
| PSY101 | 3 | Intro to Psychology |
| PSY105 | 3 | Intro to Psychology |
| SOC101 | 3 | Introduction to Sociology |
| SCO105 | 3 | Global Social Issues |

(One of the following)

| | | |
|---------|---|-------------------------------|
| IST120 | 3 | Computer Applications |
| IST121 | 3 | Computer Applications II plus |
| IST121L | 1 | Computer Applications Lab |

(One of the following)

| | | |
|--------|---|----------|
| CAP480 | 3 | CAPSTONE |
|--------|---|----------|

CORE 48 Semester Hours

| | | |
|---------|---|--------------------------------|
| FOR112 | 3 | College Orientation |
| COR090 | 0 | Career Orientation |
| ACC101 | 3 | Accounting I |
| ACC102 | 3 | Accounting II |
| CIS106 | 3 | Computer Operating Systems |
| BUS120 | 3 | Introduction to Business |
| BUS217 | 3 | Applied Marketing Concepts |
| BUS217L | 1 | Applied Marketing Cncpts Lab |
| BUS221 | 3 | Business Ethics |
| BUS471 | 3 | Project Management |
| BUS471L | 1 | Project Management Lab |
| BUS227 | 3 | Operation Management |
| BUS300 | 3 | Business Organizational Mgt |
| BUS441 | 3 | Organizational Development |
| BUS441L | 1 | Organizational Developmnt Lab |
| BUS416 | 3 | International Business |
| BUS226 | 3 | Managerial Processes--Cmnctn |
| BUS351 | 3 | Mgt Perspectv in Total Quality |
| BUS498 | 3 | Business Externship I |

ADVANCED TECHNICAL 40 Semester Hours

| | | |
|---------|---|--------------------------------|
| ACC300 | 3 | Cost Accounting |
| CIS320 | 3 | e-Commerce and Technology |
| BUS304 | 3 | Applied Management Projects |
| BUS304L | 1 | Applied Mgt Projects Lab |
| BUS306 | 3 | International Marketing |
| BUS322 | 3 | Strategic Management |
| BUS402 | 3 | Business Policy & Strategy |
| BUS402L | 1 | Business Policy & Strategy Lab |
| BUS318 | 3 | Six-Sigma Techniques |
| BUS318L | 1 | Six-Sigma Techniques Lab |
| BUS224 | 3 | Change Management |
| CIS341 | 3 | Management Information Sys |
| CIS342 | 3 | Tchnlgy Optmztn (Srch engine) |
| BUS420 | 3 | Strategic Planning/Implmntn |
| BUS420L | 1 | Strategic Png/Implmntn Lab |
| BUS499 | 3 | Business Externship II |

BACHELOR OF SCIENCE COMPUTER AND INFORMATION SCIENCE

Concentration: INFORMATION SYSTEMS
121 Semester Hours

GENERAL EDUCATION

34 Semester Hours

Communication 9 Semester Credit Hours

| | | |
|--------|---|-------------------------|
| COM110 | 3 | Principles of Speech |
| ENG110 | 3 | English Composition |
| ENG120 | 3 | Advanced Composition or |
| ENG220 | 3 | Digital Rhetoric |

Mathematics 6 Semester Credit Hours

| | | |
|--------|---|-----------------|
| MTH131 | 3 | College Algebra |
| MTH140 | 3 | Statistics |
| MTH200 | 3 | Pre-calculus |

Natural Science 4 Semester Credit Hours

| | | |
|---------|---|---------------------------|
| BIO122 | 3 | Environmental Biology |
| BIO122L | 1 | Environmental Biology LAB |
| GEO102 | 3 | Geology |
| GEO102L | 1 | Geology LAB |
| MAR100 | 3 | Marine Science |
| MAR100L | 1 | Marine Science LAB |
| PHY120 | 3 | Physics |
| PHY120L | 1 | Physics LAB |

Humanities/Fine Arts 3 Semester Credit Hours

| | | |
|--------|---|-----------------------------------|
| ENG200 | 3 | Major Writers in World Literature |
| ENG210 | 3 | Critical Thinking |
| PHI230 | 3 | Ethics in the Modern World |
| HUM200 | 3 | Art Appreciation |
| HUM205 | 3 | Culture and Diversity |
| HUM210 | 3 | Music Appreciation |
| SPN100 | 3 | Spanish I |
| SPN110 | 3 | Spanish II |

Social and Behavioral Sciences 6 Semester Credit Hours

| | | |
|--------|---|-------------------------------------|
| ECO201 | 3 | Macroeconomics |
| ECO202 | 3 | Microeconomics |
| POL200 | 3 | 21st Century Political Institutions |
| PSY105 | 3 | Introduction to Psychology |

(required in SC)

| | | |
|--------|---|---------------------------|
| PSY220 | 3 | Positive Psychology |
| SOC100 | 3 | Introduction to Sociology |
| SOC105 | 3 | Global Social Issues |

Computer Technology/Literacy 3 Semester Credit Hours

| | | |
|--------|---|-----------------------|
| IST120 | 3 | Computer Applications |
|--------|---|-----------------------|

Capstone 3 Semester Credit Hours

| | | |
|--------|---|--------------------------|
| CAP480 | 3 | Arts & Sciences Capstone |
|--------|---|--------------------------|

SELF-INTEGRATION 3 Semester Hours

| | | |
|--------|---|----------------------------|
| COR090 | 0 | Career Orientation Seminar |
| FOR112 | 3 | College Orientation |

CORE INFORMATION SYSTEMS

21 Semester Hours

| | | |
|--------------------|---|--------------------------------|
| BUS122 | 3 | Principles of Business and Mgt |
| CIS102 | 3 | Fund of Customer Service |
| CIS106 | 3 | Operating Systems |
| CIS121 | 3 | Logic and Design |
| CIS150/ CIS150C | 3 | Introduction to Networking |
| CIS151 | 3 | Networking II |
| CIS282 | 3 | Web Interface Design |

INFORMATION SYSTEMS CONCENTRATION

30 Semester Hours

| | | |
|--------------------|---|---------------------------|
| ACC150 | 3 | Accounting I |
| ACC151 | 3 | Accounting II |
| BUS211 | 3 | Human Resource Management |
| BUS223 | 3 | Business Law |
| CIS126 | 3 | Programming I |
| CIS131 | 3 | Database I |
| CIS245 | 3 | Windows Client and Server |
| CIS251/ CIS251C | 3 | Advanced Windows Server |
| CIS311 | 3 | Web Site Management |
| CIS403 | 3 | Network Security I |

ADVANCED TECHNICAL 33 Semester Hours of the following

| | | |
|--------------------|---|-------------------------------|
| ACC113 | 3 | Principles of Budgeting |
| ACC207 | 3 | Accounting III |
| ACC208 | 3 | Accounting IV |
| BUS201 | 3 | Principles of Marketing |
| BUS206 | 3 | Principles of Advertising |
| CAP290 | 3 | Capstone |
| CAP290L | 1 | Capstone Lab |
| CAP490 | 3 | Senior Capstone |
| CAP490L | 1 | Senior Capstone Lab |
| CIS202/ CIS202C | 3 | Intro to Routing /Switching |
| CIS204/ CIS204C | 3 | Intrmdt Routing and Switching |
| CIS207 | 1 | Routing and Switching Lab |
| CIS212/ CIS212C | 3 | Network Security Concepts |
| CIS215 | 3 | Programming II |
| CIS215L | 1 | Programming II Lab |
| CIS250 | 3 | Database Scripting I |
| CIS274 | 4 | CIS Project I |
| CIS280 | 3 | CIS Project II |
| CIS301 | 3 | Unix Administration |
| CIS302 | 3 | Help Desk Concepts |
| CIS308 | 3 | Web Animation |
| CIS311L | 1 | Web Site Management Lab |
| CIS313 | 3 | Trblshooting Desktop Aplt |
| CIS314 | 3 | Trblshooting Client Oprtn Sys |

BACHELOR OF SCIENCE DEGREE
ELECTRONICS ENGINEERING TECHNOLOGY
 Concentration: COMPUTER ELECTRONICS ENGINEERING TECHNOLOGY
 120 Semester Hours

GENERAL EDUCATION

34 Semester Hours

Communication 9 Semester Credit Hours

| | | |
|--------|---|-------------------------|
| COM110 | 3 | Principles of Speech |
| ENG110 | 3 | English Composition |
| ENG120 | 3 | Advanced Composition or |
| ENG220 | 3 | Digital Rhetoric |

Mathematics 6 Semester Credit Hours

| | | |
|--------|---|-----------------|
| MTH131 | 3 | College Algebra |
| MTH140 | 3 | Statistics |
| MTH200 | 3 | Pre-calculus |

Natural Science 4 Semester Credit Hours

| | | |
|---------|---|---------------------------|
| BIO122 | 3 | Environmental Biology |
| BIO122L | 1 | Environmental Biology LAB |
| GEO102 | 3 | Geology |
| GEO102L | 1 | Geology LAB |
| MAR100 | 3 | Marine Science |
| MAR100L | 1 | Marine Science LAB |
| PHY120 | 3 | Physics |
| PHY120L | 1 | Physics LAB |

Humanities/Fine Arts 3 Semester Credit Hours

| | | |
|--------|---|-----------------------------------|
| ENG200 | 3 | Major Writers in World Literature |
| ENG210 | 3 | Critical Thinking |
| PHI230 | 3 | Ethics in the Modern World |
| HUM200 | 3 | Art Appreciation |
| HUM205 | 3 | Culture and Diversity |
| HUM210 | 3 | Music Appreciation |
| SPN100 | 3 | Spanish I |
| SPN110 | 3 | Spanish II |

Social and Behavioral Sciences 6 Semester Credit Hours

| | | |
|--------|---|-------------------------------------|
| ECO201 | 3 | Macroeconomics |
| ECO202 | 3 | Microeconomics |
| POL200 | 3 | 21st Century Political Institutions |
| PSY105 | 3 | Introduction to Psychology |

(required in SC)

| | | |
|--------|---|---------------------------|
| PSY220 | 3 | Positive Psychology |
| SOC100 | 3 | Introduction to Sociology |
| SOC105 | 3 | Global Social Issues |

Computer Technology/Literacy 3 Semester Credit Hours

| | | |
|--------|---|-----------------------|
| IST120 | 3 | Computer Applications |
|--------|---|-----------------------|

Capstone 3 Semester Credit Hours

| | | |
|--------|---|--------------------------|
| CAP480 | 3 | Arts & Sciences Capstone |
|--------|---|--------------------------|

SELF INTEGRATION 3 Semester Hours

| | | |
|--------|---|----------------------------|
| COR090 | 0 | Career Orientation Seminar |
| FOR112 | 3 | College Orientation |

CORE 29 Semester Hours

| | | |
|---------|---|-----------------------------|
| CIS106 | 3 | Operating Systems |
| CIS150/ | | |
| CIS150C | 3 | Introduction to Networking |
| CIS151 | 3 | Networking II |
| EET110 | 3 | Electric Circuits I |
| EET111 | 3 | Electric Circuits II |
| EET111L | 1 | Electric Circuits Lab |
| EET120 | 3 | Semiconductor Devices |
| EET121 | 3 | Electronic Sys Applications |
| EET130 | 3 | Digital Systems I |
| EET230 | 3 | Digital Systems II |
| EET230L | 1 | Digital Systems Lab |

CONCENTRATION IN

COMPUTER ELECTRONICS ENGINEERING TECHNOLOGY 27 Semester Hours

| | | |
|---------|---|------------------------------|
| EET221L | 1 | Instrumentation/Msurmnt Lab |
| EET250/ | | |
| EET250C | 3 | Computer Organization |
| EET251/ | | |
| EET251C | 3 | Computer Organization II |
| EET251L | 1 | Computer Organization II Lab |
| EET252 | 3 | Data Communications/Ntwrkng |
| EET280 | 3 | Intro to Communication Sys |
| EET282 | 3 | Wireless Security |
| EET310 | 3 | Circuit Analysis |
| EET380 | 3 | Digital Communications I |
| EET430 | 3 | Microcontrollers |
| EET430L | 1 | Microcontrollers Lab |

ADVANCED TECHNICAL (May also be selected from other concentration area courses) 27 Semester Hours of the following

| | | |
|---------|---|--------------------------------|
| CIS102 | 3 | Fundamentals of Customer Svc |
| CIS121 | 3 | Logic and Design |
| CIS202/ | | |
| CIS202C | 3 | Intro to Routing and Switching |
| CIS204/ | | |
| CIS204C | 3 | Intrmdt Routing and Switching |
| CIS207 | 1 | Routing and Switching Lab |
| CIS245/ | | |
| CIS245C | 3 | Windows Client and Server |
| CIS251/ | | |
| CIS251C | 3 | Advanced Windows Server |
| CIS282 | 3 | Web Interface Design |
| CIS301 | 3 | UNIX Administration |
| CIS305 | 3 | Advanced UNIX Administration |
| CIS305L | 1 | Advanced UNIX Admin Lab |
| COM300 | 3 | Organizational Communication |
| EET100 | 3 | Intro Engineering Technology |
| EET200 | 3 | Internship |
| EET231 | 3 | Prgmbl Controllers/Robotics |
| EET231L | 1 | Prgmbl Controllers/Robtcs Lab |
| EET272 | 3 | Fiber Optics Communication |
| EET272L | 1 | Fiber Optics Cmnctn Lab |
| EET273 | 3 | Fiber Optic Technology |
| EET274 | 3 | Fiber Optic Design |
| EET284 | 3 | Emerging Wireless Tchnlgs |
| EET285 | 3 | CWNA Certification Seminar |
| EET285L | 1 | CWNA Certification Lab |
| EET290 | 3 | Data Cabling Seminar |
| EET291 | 3 | Home Automation |
| EET300 | 3 | Engineering Tchnlgy Prjct Mgt |
| EET301 | 3 | Spcl Tpcs/Engineering Tchnlgy |
| EET302 | 3 | Senior Internship I |
| EET303 | 3 | Cooperative Education II |
| EET400 | 3 | Senior Internship II |
| EET401 | 3 | Cooperative Education III |
| EET402 | 3 | Capstone Project |

BACHELOR OF SCIENCE HEALTHCARE ADMINISTRATION

124 Semester Hours

GENERAL EDUCATION

33 Semester Hours

(Three of the following)

| | | |
|--------|---|--------------------------|
| COM110 | 3 | Principles of Speech |
| ENG105 | 3 | College Composition I |
| ENG106 | 3 | College Composition II |
| ENG110 | 3 | English Composition |
| ENG120 | 3 | Advanced Composition |
| ENG230 | 3 | Mjr Writers in World Lit |
| ENG255 | 3 | Technical Writing |
| SPH150 | 3 | Communication |
| SPH230 | 3 | Intercultural Cmtns |

(Two of the following)

| | | |
|--------|---|----------------------|
| MTH115 | 3 | Finite Mathematics |
| MTH121 | 3 | College Mathematics |
| MTH125 | 3 | Intermediate Algebra |
| MTH131 | 3 | College Algebra |
| MTH140 | 3 | Statistics |
| MTH200 | 3 | Pre-Calculus |
| MTH201 | 3 | Calculus |

(One of the following)

| | | |
|--------|---|----------------------------|
| ENG210 | 3 | Critical Thinking |
| PHI230 | 3 | Ethics in the Modern World |
| HUM205 | 3 | Culture & Diversity |

(Three of the following)

| | | |
|--------|---|---------------------------|
| ECO101 | 3 | Introduction Economics |
| ECO201 | 3 | Macroeconomics |
| ECO202 | 3 | Microeconomics |
| ECO320 | 3 | Economic Analysis |
| PSY101 | 3 | Intro to Psychology |
| PSY105 | 3 | Intro to Psychology |
| SOC101 | 3 | Introduction to Sociology |
| SCO105 | 3 | Global Social Issues |

(One of the following)

| | | |
|---------|---|---------------------------|
| IST120 | 3 | Computer Applications |
| IST121 | 3 | Computer Applications II |
| IST121L | 1 | Computer Applications Lab |

(One of the following)

| | | |
|--------|---|----------|
| CAP480 | 3 | CAPSTONE |
|--------|---|----------|

CORE

64 Semester Hours

| | | |
|--------|---|--------------------------|
| FOR112 | 3 | College Orientation |
| COR191 | 1 | Career Orientation |
| ACC101 | 3 | Accounting I |
| ACC102 | 3 | Accounting II |
| BUS120 | 3 | Introduction to Business |
| BUS201 | 3 | Principles of Marketing |
| BUS220 | 3 | Business Finance |
| BUS221 | 3 | Business Ethics |
| BUS400 | 3 | Human Resource Mgt |
| ECO200 | 3 | Prin of Macroeconomics |
| ECO201 | 3 | Prin of Microeconomics |
| HLT101 | 3 | Health Care Admin |
| HLT201 | 3 | Ststcs in Health Prfsns |
| HLT205 | 3 | Medical Ethics |
| HLT305 | 3 | Hlth Care Rmbrsmnt Sys |
| HLT312 | 3 | Hlth Data Content/Strctr |
| HLT206 | 3 | Computers in Hlth Care |
| HLT309 | 3 | Human Life Cycle |
| HLT498 | 3 | Hlth Care Admin Extrn I |
| HLT499 | 3 | Hlth Care Admin Extrn II |
| MED104 | 3 | Medical Terminology |
| MED201 | 3 | Pathophysiology |

ADVANCED TECHNICAL 27 Semester Hours

| | | |
|--------|---|---------------------------------|
| HLT320 | 3 | Long-Term Care Admin I |
| HLT328 | 3 | Professional Prctc Standards |
| HLT330 | 3 | Health Care Quality Mgt |
| HLT410 | 3 | Community Hlth Epidemiology |
| HLT417 | 3 | Operations Mgt in Health Care |
| HLT418 | 3 | Hlth Care Dlvry Sys Ntl/Intrntl |
| HLT426 | 3 | Adv Sys in Hlth Care Leaders |
| HLT428 | 3 | Intro Environment Hlth/Safety |
| HLT435 | 3 | Labor Laws/Employee Rltn |