New Program Proposal
Associate Degree in Computer Technology
Major in Telecommunications Systems Management
Florence-Darlington Technical College

Summary

Florence-Darlington Technical College requests approval to offer a program leading to an Associate Degree in Computer Technology with a major in Telecommunications Systems Management, to be implemented in Spring 2007.

The State Technical College System Board approved the new program on July 25, 2006, and the proposal was received by the Commission on August 14, 2006. The proposal was reviewed, and approved, by the Advisory Committee on Academic Programs (ACAP) at its meeting on October 11, 2006.

The purpose of the proposed program is to prepare students for entry-level positions focused on network system administration, management, design, and operation. The proposed Telecommunications Systems Management program will assist local businesses and industry by providing qualified computer telecommunications systems and networking technicians.

The proposal states that the need for telecommunications systems technicians has increased in Florence-Darlington Technical College's service area in response to economic growth, particularly in Florence and Darlington counties. This increased demand is due to the increasing complexity and integration of telecommunication systems into daily business processes.

Florence-Darlington Technical College conducted a survey of 36 employers from which it was determined that about 67 full-time and 34 part-time new and replacement telecommunications systems technician positions will be available in 2007; 89 full-time positions and 54 part-time positions in 2008; and 108 full-time and 70 part-time positions in 2009. The proposal states that the average entry-level salary will range from $27,000 up to $54,000 for full-time technicians and from $8.41 up to $25.00 per hour for part-time technicians.

Florence-Darlington Technical College currently offers the Associate Degree in Computer Technology with a major in Computer Programming, a Certificate in Cisco Wide Area Networking, and a Certificate in Introductory Web Page Design. The proposed new program is designed to replace the current Associate Degree in Computer Technology (with a major in Computer Programming) with a new major in

Telecommunications Systems Management. Some of the programming courses in the new proposed program–as well as some of the courses in the Cisco Wide Area Networking certificate and the Introductory Web Page Design certificate–will complement the proposed program. The College will be able to benefit from the economies of scale in offering those courses that are applicable to multiple computer technology programs.

All of the general education courses required for the proposed program currently exist within the College's course offerings. According to the proposal, the proposed program will require 66 credit hours of academic coursework, six less than the existing degree program. The program will require the addition of six new courses to Florence-Darlington Technical College's 2007-2008 course catalog, all of which are in the Technical College Systems' Catalog of Approved Courses.

Two other technical colleges in the South Carolina Technical College System currently offer an Associate Degree in Computer Technology. However, their distance from Florence-Darlington Technical College assures that this program is not unnecessarily duplicative.

To gain admission into this program, the proposal states that students must have satisfactory ACT, COMPASS, or SAT Test Scores which must be no more than five years old. In the case where minimum placement test scores are not achieved, students are required to complete a developmental studies course sequence. Minimum test scores for admission to the program are as follows:

Test Score: Mathematics	Test Score: English/Verbal
ACT 20	ACT 20
Compass Pre-Algebra N/A	Compass Reading 81
Compass Algebra 60	Compass Writing 78
SAT 480	SAT 480

Total headcount enrollment in Fall 2007 is estimated to be 66 (66 FTE) increasing to 136 (136 FTE) in Fall 2009. New enrollment is estimated to be 10 (10 FTE) in the fall 2007 and a total of 38 (38 FTE) by fall 2009. The headcount calculations are based on an anticipated annual 10% increase in enrollment and a freshman to sophomore retention rate of 25%.

The current Associate in Computer Technology major in Computer Programming curriculum is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). During spring 2006, the program was reaffirmed with this accreditation which will transfer to the proposed program. No state licensure is required for this program.

No new faculty will be required to deliver the program, nor will any existing faculty need to be reassigned. Three full-time faculty will devote 100% of their time to teaching and advising students. Currently, total faculty dedicated to teaching will be four (3.85 FTE) of instructor rank, one (0.15 FTE) administrator, and one (0.2 FTE) staff member will provide clerical support.

No new additional physical plant support will be needed for this program. Florence-Darlington Technical College will use existing equipment from the computer technology networking classes, but the program will require purchase of approximately $47,500 in additional equipment and supplies for the first three years of the program. No unique cost will be required or requested from the State.

No additional library materials will be required to implement this program. According to the proposal, the library at the main campus will house the periodicals and books required for this program. The Florence-Darlington Technical College library collection contains approximately 32,000 books and audiovisual titles, 300 periodical titles, and access to 59 online databases, most of which are supplied through PASCAL.. Currently, the library contains five curriculum-specific periodicals and approximately 350 books on the shelves in addition to electronic access to 2,661 electronic books that would support the new program. Most technical periodicals are available solely through the online databases. The library also has cooperative borrowing privileges with Francis Marion University, Coker College, and all technical colleges in the state.

In the first year, estimated costs will be $97,604 rising to $338,743 in the third year. New costs during the first three years of the program are estimated to total $53, 500 including $40,000 in equipment needs, $7,500 for supplies and $6,000 for replacement parts.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the State, and new costs not funded by the MRR associated with implementation of the proposed program for its first three years. Also shown are the estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

These data demonstrate that if Florence-Darlington Technical College meets the projected student enrollments shown in the proposal, the new program will not cover costs by the third year (2009-10) of the program. Nevertheless, the College has provided assurances that it will deliver the program with quality.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
2007-08	$97,604	$0	**$97,604**	N/A	$36,790	**$36,790**
2008-09	$213,799	$0	**$213,799**	$37,785	$80,860	**$118,645**
2009-10	$338,743	$0	**$338,743**	$82,727	$128,004	**$210,731**

In summary, Florence-Darlington Technical College proposes to offer a new program leading to an Associate Degree in Computer Technology, to be implemented in Spring 2007. The program will prepare students for entry-level positions in the College's service area focused on network system administration, management, design, and operation.

Recommendation

The Committee on Academic Affairs and Licensing recommends that the Commission approve Florence-Darlington Technical College's proposed program leading to the Associate Degree in Computer Technology, with a major in Telecommunications Systems Management to be implemented in Spring 2007, provided that no additional "unique cost" or other special state funding be required or requested, and provided that the current Associate Degree in Computer Programming is simultaneously closed to new enrollment.

New Program Proposal
Associate Degree in Health Sciences
Major in Physical Therapist Assistant
Horry-Georgetown Technical College
at the Grand Strand Campus

Summary

The Horry-Georgetown Technical College requests approval to offer a program leading to the Associate Degree in Health Sciences with a major in Physical Therapist Assistant at the Grand Strand campus, to be implemented in Fall 2007.

The purpose of the proposed program is to prepare students to successfully complete the licensure requirements as a Physical Therapist Assistant, so that they can meet the demands of employers in Horry-Georgetown Technical College's service area for this occupation.

The State Technical College System Board approved the new program on July 25, 2006, and the proposal was received by the Commission on June 6, 2006. The proposal was reviewed, and approved, by the Advisory Committee on Academic Programs (ACAP) at its meeting on October 11, 2006.

According to the proposal, the need for Physical Therapist Assistants has increased in Horry-Georgetown Technical College's service area in response to the growth in both the general and retiree populations which have increased the demand for qualified health care professionals in the area. The United States Bureau of Labor Statistics projects a 44 percent increase in physical therapist assistant jobs nationally during the period of 2002 through 2012 due to the increased number of individuals with disabilities or limited function, and the increasing use of physical therapist assistants to reduce the cost of therapeutic services. According to the proposal, in a recent survey of 50 health care employers to determine employment availability, Horry-Georgetown Technical College documented an estimate of 88 full-time and 61 part-time physical therapist assistant positions which will be available from 2006 to 2008 in the College's service area.

Although the proposed program is designed primarily as a terminal degree, Horry-Georgetown Technical College will seek articulation with Coastal Carolina University's Interdisciplinary Studies Bachelor of Science degree and the Medical University of South Carolina's Bachelor of Health Sciences degree for this program, as options for career advancement.

The closest institution with an academic program for physical therapist assistants is Trident Technical College, which is a 115 mile commute. Two other technical colleges offer the program currently, and another one was approved to offer it in May 2006 by the Commission.

To gain admission into this program, the proposal states that students must be at least 18 years old, meet the general guidelines for admission to the College, provide official high school and college transcripts, and have satisfactory ACT, COMPASS, or SAT Test Scores. In the case where minimum placement test scores are not achieved, students are required to complete a developmental studies course sequence. Minimum test scores for admission to the program are as follows:

Test Score: Mathematics	Test Score: English/Verbal
ACT 21	ACT 19
Compass Algebra 46	Compass Reading 87
SAT 440	SAT 480

Total estimated headcount enrollment in Fall 2007 is estimated to be 32 (32 FTE) increasing to 54 (54 FTE) in Fall 2009.

The proposed program will require 78 credit hours of academic coursework, including the addition of 15 new courses to Horry-Georgetown Technical College's 2007-2008 course catalog. Implementation of the program will not require the addition of new courses to the SBTCE catalog of approved courses.

The College will seek candidacy status for the Commission on Accreditation in Physical Therapy Education (CAPTE) accreditation for the proposed physical therapist assistants program prior to program implementation. It is expected that CAPTE accreditation will be awarded following the second year of program implementation, based upon CAPTE candidacy and accreditation guidelines. Licensure of Physical Therapist Assistants is required to practice this occupation in South Carolina. The program will seek approval of the South Carolina State Board of Physical Therapy Examiners since only graduates of an approved program may take the licensure examination.

Two new full-time faculty will be hired to deliver the program. Total personnel dedicated to teaching will be two (2.0 FTE) faculty, one (0.10 FTE) administrator, and one (0.1 FTE) staff member providing clerical support.

No new additional Physical Plant support will be needed for this program. The proposed program will be located on Horry-Georgetown Technical College's Grand Strand Campus in the Healthcare Education Center, which is currently undergoing a

major $11 million renovation. No unique cost will be required or requested from the State.

New equipment will be purchased totaling $57,821. Additional library materials will be required to implement this program. According to the proposal, the library at the Grand Strand campus will house the periodicals and books required for this program. Horry-Georgetown Technical College plans to acquire books, serials and audio-visual materials totaling $17,350 in the first three years of the program.

In the first year, estimated costs will be $677,515, rising to $1,052,230 in the third year. New costs during the first three years of the program are estimated to be $460,348 including $351,777 for faculty salaries, $57,821 in equipment needs, and $16,000 for supplies, $17,350 for library resources and $17,400 for accreditation.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the State, and new costs not funded by the MRR associated with implementation of the proposed program for its first three years. Also shown are the estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

These data demonstrate that if Horry-Georgetown Technical College meets the projected student enrollments shown in the proposal, the new program will not cover costs by the third year (2009-10) of the program. Nevertheless, the College has given assurances that it has the resources to offer the program with quality.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
2007-08	$677,515	$0	**$677,515**	N/A	$109,641	**$109,641**
2008-09	$1,052,230	$0	**$1,052,230**	$251,518	$170,421	**$421,939**
2009-10	$1,052,230	$0	**$1,052,230**	$390,229	$170,421	**$560,649**

In summary, Horry-Georgetown Technical College proposes to offer a new a program leading to an Associate Degree in Health Sciences with a major in Physical Therapist Assistant at the Grand Strand campus, to be implemented in Fall 2007, with

the goal of preparing students to successfully complete the licensure requirements and become employed in the College's service area as entry-level physical therapist assistants.

Recommendation

The Committee on Academic Affairs and Licensing recommends that the Commission approve Horry-Georgetown Technical College's proposed program leading to the Associate Degree in Health Sciences with a major in Physical Therapist Assistant, to be implemented in Fall 2007, at the Grand Strand campus, provided that no additional "unique cost" or other special state funding be required or requested, and provided that Horry-Georgetown Technical College complete articulation agreements with Coastal Carolina University and the Medical University of South Carolina as stated in the Committee meeting.

New Program Proposal
Associate of Health Science
Major in Biotechnology
Greenville Technical College

Summary

Greenville Technical College requests approval to offer a program leading to the Associate degree in Health Sciences with a major in Biotechnology, to be implemented in Spring 2007. The proposed program is designed to prepare students for entry-level bio-technician positions in the Greenville Technical College's service area and to meet the needs of medical, life science, and pharmaceutical research and development industries.

The State Technical College System Board approved the new program on July 25, 2006, and the proposal was received by the Commission on August 14, 2006. The proposal was reviewed, and approved, by the Advisory Committee on Academic Programs (ACAP) at its meeting on October 11, 2006.

The biotechnology industry generates considerable revenues as one of the fastest growing segments of the American economy and is expected to employ nearly 815,000 workers by 2007 (The Department of Labor Fact Sheet, www.doleta.gov). The 2003 Life Sciences Act supports increased incentives, research, and capital, so the 39 biotechnology companies that call South Carolina home will need a well-trained, highly qualified work force to meet industry demands(http://www.sccommerce.com).

The proposal states that a recent needs assessment shows a growing demand for employees with associate degrees to work as quality control technicians, manufacturing technicians, laboratory assistants, research technicians, and bioprocess technicians. There are numerous major employers of biotechnicians in the Greenville area and demand is expected to increase at the Greenville Hospital System. A 2005 survey conducted by Greenville Technical College of biotech employers in Greenville County estimated a need for 46 full-time positions and 4 part-time positions over the next three years.

According to the proposal, Greenville Technical College currently offers a certificate program in Biotechnology which was the first such program in the State. Current students will transfer into the proposed Associate Degree in Health Science with a major in Biotechnology program. Greenville Technical College's

certificate in Biotechnology began in Spring 2006. Additionally, students are able to earn elective credit in Biotechnology as part of the Associate in Science Degree. The proposed Associate of Health Science with a major in Biotechnology offers more course options and more emphasis on laboratory procedures to better meet industry needs than the Associate of Science with electives in Biotechnology degree allowed. Greenville has an active Advisory Board for Emerging Life Sciences with representatives from Greenville Hospital System, Clemson University, manufacturing, and the private sector which will serve the proposed program. No similar programs currently exist in the South Carolina Technical College System.

Admission to the Associate Degree in Health Science Degree with a major in Biotechnology program will require the entering student to have a high school diploma (or equivalent), one unit of high school biology or chemistry with a grade of "C" or better, acceptable scores on the college placement test (Asset or Compass) or acceptable SAT or ACT scores, and the submission of official transcripts from all high school and colleges attended.

Total estimated headcount enrollment in Fall 2006 is estimated to be 24 (24 FTE) increasing to 36 (36 FTE) in Fall 2009. New enrollment is estimated to be 12 (12 FTE) in the Fall 2006 and a total of 36 (36 FTE) by Fall 2009.

The proposed program will require between 71 to 73 credit hours of academic coursework, including the addition of four new courses to Greenville Technical College's 2007-2008 course catalog. Implementation of the program will require the addition of these four new courses to the SCTCS Catalog of Approved Courses (CAC).

No accreditation, approval, licensure, or certification programs currently exist for this program.

One part-time faculty member with a Ph.D. in Genetics will be hired to deliver the program and one adjunct instructor currently teaching biology will be transferred to the biotechnology program. The College currently has one full-time faculty member who will serve as Department Head and program director. This individual will be granted administrative release to conduct required administrative duties. No new administrative assistant will needed. Three full-time faculty will devote 100% of their time to teaching and advising students. By 2009-10, total faculty dedicated to teaching will be two (1.5 FTE) of instructor rank, one (0.1 FTE) administrator and one (0.2 FTE) staff member providing clerical support.

No new physical plant and no new equipment will be needed to implement this program.

Greenville Technical College anticipates spending $3,000 per year for the next three years to purchase print titles, e-book titles, and media titles to support this program. According to the proposal, the Greenville Technical College library collection contains over 65 different online periodical databases. The print titles in the Library collection for biotechnology number at least 45 and the online periodical databases offer many choices for articles and current news.

In the first year, estimated costs will be $127,384 rising to $364,125 in the third year. New costs during the first three years of the program are estimated to total $99,972 including $45,972 in faculty salaries, $45,000 for supplies and materials and $9,000 for library resources.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the State, and new costs not funded by the MRR associated with implementation of the proposed program for its first three years. Also shown are the estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

These data demonstrate that if Greenville Technical College meets the projected student enrollments shown in the proposal, the new program will not cover costs by the third year (2009-10) of the program. Nevertheless, the College indicates it has the revenues to implement the program with quality.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
2007-08	$127,384	$0	$127,384	N/A	$45,969	$45,969
2008-09	$307,043	$0	$307,043	$48,839	$111,100	$159,939
2009-10	$364,125	$0	$364,125	$117,616	$132,176	$249,792

In summary, Greenville Technical College proposes to offer a new program leading to an Associate Degree in Health Science with a major in Biotechnology,

to be implemented in Spring 2007. The proposed program is designed to meet the needs of medical, life science, and pharmaceutical research and development industries for entry level bio-technician positions in the Greenville Technical College's service area.

Recommendation

The Committee on Academic Affairs and Licensing recommends that the Commission approve Greenville Technical College's proposed program leading to the Associate Degree in Health Science with a major in Biotechnology, to be implemented in Spring 2007, provided that no additional "unique cost" or other special state funding be required or requested.

New Program Proposal
Associate Degree in Public Service
Major in Criminal Justice Technology
York Technical College

Summary

York Technical College requests approval to offer a program leading to the Associate Degree in Public Service with a major in Criminal Justice Technology, to be implemented in Spring 2007.

The program was approved by the South Carolina Technical College System Board at its meeting on July 25, 2006. It was submitted for Commission review on August 14, 2006, and reviewed and voted upon favorably by the Advisory Committee on Academic Programs (ACAP) at its meeting on October 11, 2006. USC-Lancaster, the only other institutional campus in the region offering an associate degree in Criminal Justice, previously has given full support to the program. There were no substantive comments or questions about the program at the meeting.

The purpose of the program is to prepare students with necessary skills and knowledge to serve in positions in the field of criminal justice in the York service area. According to the proposal, students in the program will include individuals seeking to enter the criminal justice field and those already in the field who desire to increase their qualifications for advancement. The proposal further states that the program will prepare graduates for employment in courts, law-enforcement agencies, detention centers, corporate security, and private agencies. An employment needs survey conducted in the York service area in March, 2006, indicates that over the next three years there will be approximately 183 full-time positions and 24 part-time positions available in the next three years. This level of demand is far more than the program can supply.

According to the proposal, the institution's current catalog of courses will require the addition of seven new courses in criminal justice at the institution to support the program. No new courses are needed to be added to the Technical System's catalogue of approved courses. The curriculum will consist of 19 courses for a total of 65 credit hours. Eight courses (23 credit hours) are core courses for the Associate's degree and 14 courses (42 credit hours) support the major. All 14 of the major courses are in criminal justice.

Twelve technical colleges in the state currently offer associate-level programs in Criminal Justice Technology. In 2004, according to the proposal, placement rates for graduates of these programs ranged from 100% at Aiken and Central Carolina, to 58% at Midlands. Eight of the twelve had placement rates over 80%. Within York Tech's service area, USC-Lancaster offers the Associate of Science degree in Criminal Justice. This degree is intended as an academic degree, requires only 15 hours of Criminal Justice courses, and is designed for transfer to the USC-Columbia bachelor's program in Criminal Justice.

The existing certificate program has several adjunct faculty members, including the County Solicitor, providing instruction. The proposed program will require one new full-time faculty member (1 FTE) to teach and to serve as program manager.

Enrollment in the proposed program is estimated to begin at 24 headcount (25.6 FTE) in Spring 2007 and increase to 45 headcount (41.3 FTE) in Fall 2007. This estimate is based on projecting 22 new students (24 total) in the first year and allowing for attrition and projected new enrollment each semester.

There is no accrediting body for Criminal Justice Technology programs. Graduates entering law enforcement will have to attend the SC Criminal Justice Academy for certification, and licensure or certification is not required for employment.

The institution has sufficient classroom space to support the program. Local law enforcement agencies have offered use of training facilities to support the program.

The York Technical College Library currently contains 38 titles related to the Criminal Justice major and 375 law titles. According to the proposal, the library's physical holdings do not meet Association for College and Research Libraries standards for community, junior, and technical colleges. Students using the library, however, have access to extensive electronic collections through PASCAL as well as reciprocal borrowing privileges at other colleges in the system. The proposal states that the institution intends to spend $8000 the first three years of the program to increase holdings in the area.

New costs for the program are projected to be $80,460 in the first year and include Faculty Salaries ($57,000), Supplies and Materials ($500), Equipment ($2,500), Library Resources ($4,500) and Fringe Benefits ($15,960). In the second year, new costs drop to $76,960 and include Faculty Salaries ($57,000), Supplies and Materials ($500), Equipment ($1,500), Library Resources ($2,000) and Fringe Benefits ($15,960). By the third year, the new costs for the program are estimated at $77,740. Total new costs for the first three years of the program are estimated at $235,160. According to the proposal, funding for the program will come from tuition. No unique or special funds are requested.

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Shown here are the estimated Mission Resource Requirement (MRR) costs to the state. Also shown are the estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
Year 1	$187,087	$0	$187,087	N/A	$88,947	$88,947
Year 2	$302,353	$0	$302,353	$72,217	$144,080	$216,297
Year 3	$302,353	$0	$302,353	$116,914	$144,080	$260,994

These data demonstrate that if York Technical College can meet the projected student enrollments and contain costs as they are shown in the proposal, the program will not be able to cover costs with revenues it generates by the third year of its implementation.

In summary, York Technical College is proposing a program leading to the Associate Degree in Public Service with a major in Criminal Justice Technology. The program will provide graduates prepared to enter occupations in the criminal justice field or to complete required training for entry into law enforcement.

Recommendation

The Committee on Academic Affairs and Licensing recommend that the Commission approve the proposed program at York Technical College leading to the Associate Degree in Public Service with a major in Criminal Justice Technology, to be implemented in Spring 2007 provided that no "unique cost" or other special state funding is required or requested.

New Program Proposal
Bachelor of Science
Middle Level Education
Francis Marion University

Summary

Francis Marion University requests approval to offer a program leading to the Bachelor of Science degree in Middle Level Education to be implemented in Spring 2007.

The Board of Trustees approved the proposal on August 7, 2006. It was submitted to the Commission on June 19, 2006, and reviewed by the Advisory Committee on Academic Programs without substantive comment and voted upon favorably on October 11, 2006.

According to the proposal, the purpose of the program is to offer a Bachelor of Science degree in Middle Level Education to students seeking initial teacher certification. The B. S. in Middle Level Education will prepare teachers for the middle grades in the Pee Dee region and for the state of South Carolina. The need for the program, according to the proposal, is based on the approval of middle grades certification for South Carolina Schools in July, 1999, by the General Assembly of South Carolina. In order to be certified to teach in the middle grades (5-8), the South Carolina State Department of Education requires that students graduating from a teacher preparation program and seeking initial certification after July 1, 2008 must hold a degree from an approved middle level teacher training program. The state mandate for Middle Level Education Certification signifies a real need for people certified to teach in the middle schools immediately and on a continuing basis. The Middle Level Education Program supports the mission of Francis Marion University.

Employment opportunities, in the FMU region, consist of 35 middle schools located within 19 school districts in the Pee Dee region. Staff communication with representatives from Francis Marion University indicates that there are approximately 68 vacancies per year in the middle level in the Pee Dee region.

The curriculum of the proposed program consists of a minimum of 129 credit hours of undergraduate coursework in general education, pre-professional education,

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supporting courses, professional education and two of the following content areas: social studies, English/Language Arts, mathematics, and science. There are five new courses to be added to the catalog of the institution. Admission standards require that students interested in pursuing the B.S. Degree in Middle Level Education must meet the same criteria required for all initial teacher certification programs at Francis Marion University. Students will be admitted to the proposed program upon

- completing 60 hours of undergraduate study,
- obtaining a cumulative grade point average of 2.5 in all undergraduate course work and have a grade of C or better in Education 290 and Education 299,
- passing all three sections of the Praxis I exam, and
- receiving a positive recommendation from teacher education faculty, a positive recommendation from the field (public school personnel) and a recommendation from the Undergraduate Committee.

Similar programs in public institutions are found at six public institutions in South Carolina currently. Similar programs are also offered in three of South Carolina's independent institutions. In addition, a Masters of Arts in Teaching degree in Middle Level Education is offered at Clemson University. However, the need for this expertise will demand more supply than can be accommodated with current programs.

Enrollment in the proposed degree program is estimated to begin at 12 students (12 FTE) in Spring 2007 and increase to 24 students (24 FTE) in the second through the fifth year of the program. According to the proposal, it is anticipated that about 2/3 of the candidates will come from those who might have chosen elementary education as a major and the other 1/3 will be those who may have chosen secondary education. FMU does not anticipate a significant number of new candidates coming to FMU with the expressed purpose of majoring in middle level education. If the enrollment projections are met, the program will meet the current CHE program productivity standards.

Consistent with National Middle School Association Standards, institutions preparing middle level teachers employ faculty members who have middle level experience and expertise. The School of Education at Francis Marion currently has approximately five faculty with both expertise and teaching experience in the middle grades. There will be five headcount faculty (5 FTE) serving the new program. New faculty must have an earned doctorate from an NCATE-accredited institution. There will be one new faculty (1 FTE) required in the first year and two new part-time faculty (1 FTE) required in years three to five.

The proposed program will be subject to accreditation by professional organizations including the National Council for Accreditation of Teacher Education (NCATE), and its five affiliated specialty associations. Additionally, the program will have to demonstrate to State Department of Education officials discipline-specific objectives as articulated in the South Carolina Curriculum Standards and South Carolina's ADEPT program. All students completing the middle level program must be certified by the South Carolina State Department of Education, pass the Praxis II middle level examinations in two content areas, and undergo an FBI fingerprint review.

No additional physical plant or equipment requirements exist for the proposed program within the first five years of implementation. The James A. Rogers Library provides print and electronic resources, access to electronic library resources through Infotrak Search bank that contains over 1000 full-text journal titles, and other library resources that complement instruction. These include the statewide PASCAL databases, a variety of other digital indexes and full-text databases, Interlibrary Loan, Internet access, bibliographic instruction, and a variety of class-specific user education programs. Indexing and abstracting services in the library also support the Middle Level Education program.

Preliminary searches indicate that the monograph collection to support "middle school" needs strengthening for additional holdings. Total needs for new materials in the collection to support Middle Level Education, which will require approximately $1,625 per year for each of the first five years of implementation.

New costs for the program are estimated to begin at $70,725 in year one and include new faculty salaries ($68,750), library resources ($1,625) and travel to clinical experiences ($350). Estimated new costs increase to $70,775 in the second year, $105,150 the third year, $139,525 the fourth and fifth year. The total estimated new costs for the program for its first five years will total $491,325. Revenues will be generated through estimated FTE revenue generated from the state and tuition funding. No "unique costs" or other special state appropriations will be required or requested. The School of Education currently has sufficient, qualified faculty on staff to meet the anticipated program needs for at least the next two years.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the State and new costs not funded through the MRR but which are associated with implementation of the proposed program for its first five years. Also shown are estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
Year 1	$140,088	$0	$140,088	N/A	$79,409	$79,409
Year 2	$280,176	$0	$280,176	$90,714	$158,819	$249,533
Year 3	$280,176	$0	$280,176	$181,428	$158,819	$340,247
Year 4	$280,176	$0	$280,176	$181,428	$158,819	$340,247
Year 5	$280,176	$0	$280,176	$181,428	$158,819	$340,247

These data demonstrate that if Francis Marion University can meet the projected student enrollments and contain costs as they are shown in the proposal, the program will be able to cover new costs with revenues it generates by the third year of its implementation.

In summary, Francis Marion University will offer a program leading to the Bachelor of Science degree in Middle Level Education. This program is needed in South Carolina and will allow students to obtain the special skill set required of Middle Level teachers. The proposed program at Francis Marion University will contribute to the placement of "highly qualified" middle level teachers and contribute to increased effectiveness of South Carolina schools.

Recommendation

The Committee on Academic Affairs and Licensing recommends that the Commission approve Francis Marion University's proposed program leading to a Bachelor of Science degree, major in Middle Level Education, to be implemented in Spring 2007, provided that no "unique cost" or other special state funding be required or requested and provided further that the program be approved by the State Board of Education prior to implementation.

New Program Proposal
Bachelor of Science
Tourism Management
University of South Carolina - Columbia

Summary

USC-Columbia requests approval to offer a program leading to the Bachelor of Science degree in Tourism Management to be implemented in Fall 2007.

The Board of Trustees approved the proposal on June 29, 2006. It was submitted to the Commission on August 1, 2006, and reviewed by the Advisory Committee on Academic Programs without substantive comment and voted upon favorably on October 11, 2006.

According to the proposal, the principal purpose of the program is to produce a critical mass of graduates who will assume prominent roles in planning, management and entrepreneurship within South Carolina's diverse and rapidly growing tourism sector. The need for the program, according to the institution, is based on the emergence of the tourism and travel industry as a dominant economic sector in South Carolina. South Carolina currently attracts 30 million out-of-state visitors per year for a total of more than 100 million 'visitor-days'. According to the proposal, tourism is recognized in the South Carolina Competitiveness Initiative as one of four strategic activity clusters that will lead the state's future economic development and diversification. Nevertheless, like many other US destinations, South Carolina lacks the critical mass of appropriately educated tourism managers that would better ensure avoidance of a laissez-faire growth that may culminate in product maturation and deterioration if levels of development are allowed to exceed a destination's environmental, economic and social carry capacity thresholds.

The School of Hotel, Restaurant, and Tourism Management currently offers a BS in Hotel, Restaurant and Tourism Management, but the emphasis is on the hospitality component with just one core course focused on tourism. According to the proposal, the existing program will be changed to a BS in Hospitality Management when the proposed program is approved. The program supports the primary mission of USC-Columbia of educating the state's diverse population and also supports the University's focus on service to the 'community, state, nation, and the world in such

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areas as public health, education, social issues, economic development, and family support systems.'

According to the proposal, student demand for the B.S. in Tourism Management is expected to be high based on both extensive anecdotal feedback from HRTM students and a survey that was conducted in August, 2005, involving students enrolled in three courses in the current program. The survey yielded 388 valid completed questionnaires, with 208 hospitality majors completing the questionnaire. According to the proposal, almost one-third of respondents stated that they would definitely or probably have taken the tourism major, with this figure rising to 36% among the hospitality majors. Once the program is approved, USC-Columbia intends to allocate $10,000 for marketing and promotion in the first year to attract students from outside the USC-Columbia area. Primary target audiences include two year colleges, and Academics of Hospitality and Tourism high schools in Charleston and Hilton Head.

Employment opportunities are anticipated by the institution to be numerous for graduates of the B.S. in Tourism Management in South Carolina in thirty different categories directly related to tourism. Tour manager, resort manager, marketing director, public relations officer, and community liaison officer are just a few of the management positions available to graduates of this degree program. According to the proposal, tourism directly provided 132,000 jobs in South Carolina in 2003, and is expected to provide at least 210,000 jobs or 6.5% of all state employment by 2010.

The curriculum of the proposed program consists of 127 total credits hours of undergraduate coursework in general education, related area courses, major core courses, professional electives and open electives. There are twelve new courses to be added to the catalog at the institution.

Admission standards require that incoming high school students interested in pursuing the B.S. degree in Tourism Management, who meet university admission requirements, must have a 2.5 GPA. The College of Hospitality, Retail, and Sport Management has a pre-professional and professional division of student classification. Admission into the pre-professional division follows the general admission policies of the University. Entrance into the professional division requires the approval of the department and the successful completion of the requirements indicated under each departmental heading.

There are four similar programs in public universities in South Carolina (Clemson University, College of Charleston, Coastal Carolina University, and University of South Carolina-Beaufort). The proposed program at USC-Columbia differs from these institutions in that this will be a full major in tourism management rather than a focus, specialized option or concentration in affiliation with hospitality. In addition, the number of proposed required tourism-focused courses and credit hours

will be substantially greater (42 credit hours) compared to the four public universities (25 credit hours, 18 credit hours, 13 credit hours, one credit hour). Similar programs in the United States include a BS in Travel and Tourism Management at Florida International University and a BS in Tourism and Recreation Management at Niagara University (Niagara Falls, NY). According to the proposal, there are approximately 40 US universities that offer a substantive tourism "concentration" as part of a major that emphasizes hospitality or outdoor recreation.

Enrollment in the proposed degree program is estimated to begin at 60 headcount students (60 FTE) in Spring 2007 and increase to 240 headcount students (240 FTE) in the fourth and fifth year of the program. In the first year of the program, it is anticipated that 30 of the 60 students will be new to USC-Columbia and 30 will be transfer students from other programs with the School and University. If the enrollment projections are met, the program will meet the current CHE program productivity standards.

The School of Hotel, Restaurant and Tourism Management at USC-Columbia currently has nine full time faculty and two adjunct faculty with expertise to teach in the proposed program. There will be no additional administrators, nine faculty (4.09 FTE), and no additional staff serving the new program. No additional full time faculty will be hired after Fall, 2006, for the purpose of delivering the tourism program.

There are no mandatory requirements for accreditation, approval, licensure or certification associated with the proposed program. According to the proposal, the attractiveness of the Program will be increased by the planned acquisition of TedQual (Tourism Education Quality) certification through the World Tourism Organization, which has currently been granted in the US only to tourism programs at the George Washington University and University of Hawaii.

There are no additional physical plant or equipment requirements for the proposed program. According to the proposal, there are no recognized American standards or guidelines for university library tourism collections. However, the library officials have stated that the 977 book titles directly related to tourism at the Thomas Cooper Library will support a BS in Tourism Management as described in the proposal. In addition, sixty new academic tourism books each year and five new refereed tourism periodicals will be acquired each of the first five years. Additionally, indexing and abstracting services and the PASCAL electronic databases will support the program.

New costs for the program are estimated to begin at $102,240 in year one. Faculty salaries ($102,240) account for the total of first year expenditures. The dollar amount of faculty salaries represents a portion of the three recent new hires in Fall 2006 that is committed to the proposed program. Estimated new costs increase to

$106,140 in the second through fifth year and include library resources ($3900) for the second through fifth years. The total estimated new costs for the program for its first five years will total $526,800. No "unique costs" or other special state appropriations will be required or requested. The School of Hotel, Restaurant and Tourism Management has sufficient, qualified faculty on staff to meet the anticipated program needs for the first five years of the program's implementation.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the State and new costs not funded by the MRR associated with implementation of the proposed program for its first five years. Also shown are estimated revenues projected under the MRR and the Resource Allocation Plan as well as student tuition.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
Year 1	$512,550	$0	$512,550	N/A	$281,466	$281,466
Year 2	$1,025,100	$0	$1,025,100	$276,707	$562,933	$839,640
Year 3	$1,537,650	$0	$1,537,650	$553,414	$844,399	$1,397,814
Year 4	$2,050,200	$0	$2,050,200	$830,122	$1,125,866	$1,955,987
Year 5	$2,050,200	$0	$2,050,200	$1,106,829	$1,125,866	$2,232,694

These data demonstrate that if USC-Columbia can meet the projected student enrollments and contain costs as they are shown in the proposal, the program will be able to cover new costs with revenues it generates by the fifth year of its implementation.

In summary, USC-Columbia will offer a program leading to the Bachelor of Science degree in Tourism Management. This program is needed in South Carolina and will allow graduates to assume professional roles in planning, management and entrepreneurship with South Carolina's diverse and rapidly growing tourism sector.

Recommendation

The Committee on Academic Affairs and Licensing recommends that the Commission approve USC-Columbia's proposed program leading to a Bachelor of Science degree with a major in Tourism Management to be implemented in Fall 2007 provided that no "unique cost" or other special state funding be required or requested and provided that the current Bachelor of Science degree with a major in Hotel, Restaurant, and Tourism Management be changed in name to a Bachelor of Science degree with a major in Hospitality Management simultaneously with the implementation of the new program.

New Program Proposal
Bachelor of Science in Information Design
Winthrop University

Summary

Winthrop University requests approval to offer a program leading to the Bachelor of Science in Information Design to be implemented in Fall 2007, at the campus of Winthrop University.

The Winthrop University Board of Trustees approved the program on June 29, 2006. The proposal was also submitted to the Commission for review on August 14, 2006. At the meeting of October 11, 2006, the full proposal was discussed without substantive comment and voted upon favorably by the Advisory Committee on Academic Programs and approved unanimously.

Winthrop University's mission supports the offering of a wide array of undergraduate programs in the arts and sciences, including those which are business-related. In its preparation of graduates for the world of work with a broad-based understanding of skills, abilities and knowledge bases in four areas (i.e., marketing, computer science, graphic design, and mass communication) this program is consistent with the mission of the institution itself.

Three other similar baccalaureate offerings in this field exist in pubic institutions in the state of South Carolina, including ones at USC-Columbia, College of Charleston and USC-Upstate. The proposed program at Winthrop, however, is distinctive in terms of its organization (involving four subject fields across the University) and in its emphasis on the centrality of marketing and computer skills and knowledge bases as they relate to the internet.

The program will be offered on the campus of Winthrop University. It will predominantly serve a population of residential, full-time students.

Justification for the program is based upon the increased need for persons with expertise in computer-based and marketing knowledge and skills, as applied to the internet. The program has been designed to incorporate four different areas of the curriculum—marketing, computer science, graphic design, and mass communication.

The proposed program itself will neither require nor seek any specialized accreditation. No licensure or registration will be required of graduates of the program in order to take professional positions in the field.

A minimum of 124 credit hours is required for completion of the degree program. Of these, a limit of 28 credit hours will be in a common core of professional coursework; 34-50 credit hours will be in one of the four concentrations from which students can choose; and the remainder of the credits in the program will be in general education and elective credits. A total of 17 new courses will be added to the Winthrop catalog in order to offer this new program of study.

Winthrop University officials have been in close contact with York Technical College since this proposal was first begun to pursue a possible articulation agreement to assist York Technical College students and graduates to enter it seamlessly. This program's upper-division coursework will only begin to be offered in 2009. Winthrop officials have stated that by that time or sooner they hope to have concluded an articulation agreement with York Technical College and other technical colleges from which they receive significant numbers of transfer students.

The proposal states that in years two, three, and four of the program's implementation, three new tenure-track faculty members (2.25 FTE) will be hired for the program. Since the program will use faculty time from each of several different colleges within the institution, approximately .75 of each of these faculty member's time is estimated to be directed toward work in the proposed Information Design program. Institutional representatives stated that the estimates made of FTE for the program are necessarily imprecise. According to the proposal's table on faculty support, total faculty serving in the program in its first year will begin with five (5.0 FTE) in FY 2007-08, all of whom are currently teaching at the institution.

Enrollment in the proposed program is estimated to begin at 24 headcount students (27.5 FTE) in FY 2007-2008 and increase to 151 headcount students (155.5 FTE) in FY 2011-2012 and thereafter. Estimates for enrollments have been based on the institution's surveying area business and industry representatives, as well as internal institutional surveys of students and feedback from potential students.

Existing classroom space is adequate for the first five years of the program's implementation. Library holdings are said to be adequate, especially

with the electronic databases available through PASCAL, which provides a significant percentage of journals which will be used in the program.

Costs for the program begin in the first year at $43,000 and rise by the fifth year to $245,000. Costs by category during the first five years of the program's implementation include library holdings ($19,000); supplies/materials ($10,000); faculty ($570,000); graduate assistants ($30,000); and equipment ($135,000). These estimated new costs total $804,000 over the first five years of the program's operation.

Shown below are the estimated Mission Resource Requirement (MRR) costs to the state of the proposed program for its first five years of implementation. Also shown are the estimated revenues projected under the MRR and the resource allocation plan as well as student tuition.

Year	Estimated MRR Cost for Proposed Program	Extraordinary (Non-MRR) Costs for Proposed Program	Total Costs	State Appropriation	Tuition	Total Revenue
2007-08	$411,538	$0	$411,538	N/A	$271,733	$271,733
2008-09	$888,921	$0	$888,921	$198,759	$587,686	$786,444
2009-10	$1,403,717	$0	$1,403,717	$428,935	$928,194	$1,357,129
2010-11	$1,908,038	$0	$1,908,038	$677,256	$1,261,247	$1,938,503
2011-12	$2,327,058	$0	$2,327,058	$920,797	$1,538,536	$2,459,333

These data demonstrate that if the new program meets its enrollment projections and contains costs as they are shown in the proposal, it will generate revenues to match costs as estimated in the MRR in the fourth year of its implementation.

In summary, the proposed program will provide the knowledge and skills in marketing, computer science, graphic design, and mass communication to enable graduates to take professional positions in those areas requiring a high degree of knowledge and skill of computer-related information and marketing, especially as they relate to the internet. While there are similar programs at three other public

institutions, this program is designed for a population that is uniquely residential and full-time at Winthrop and which is unique in its curricular combinations for an area of knowledge for which there is considerable and growing demand. The other public institutions with similar programs are located in different areas of the state; all three of the similar programs are well enrolled at this time. Thus, while the program in some ways may be considered duplicative, the duplication is not "unnecessary."

Recommendation

The Committee on Academic Affairs and Licensing recommends the Commission approve the program from Winthrop University, leading to the Bachelor of Science degree, major in Information Design, to be implemented in Fall 2007, provided that no "unique cost" or special state funding be required or requested.

New Program Proposal
Children's Law Center
University of South Carolina – Columbia

Summary

USC-Columbia requests approval to transform the "Children's Law Office" (CLO) into a Center to be known as the "Children's Law Center," to be implemented immediately upon approval.

The proposal was approved by the University of South Carolina's Board of Trustees on December 12, 2005. A major purpose of CHE approval of centers is to permit institutions sponsoring them to seek funding for them from the General Assembly. The proposal was submitted to the Commission on August 16, 2006. It was reviewed by the Advisory Committee on Academic Programs without substantive comment and voted upon favorably on October 11, 2006.

The Children's Law Office was founded in 1995 to promote community awareness and increased professional knowledge of children's legal issues and to improve the administration of justice in children's cases. According to the proposal, the status as a Center would symbolize both excellence in legal education and the application of children's law. Center status would enhance the Children's Law Office's current professional standing and growth as a statewide organization that provides extensive education and training programs. The Center also will facilitate numerous child-related professional organizations and will sponsor research-based projects. The Center will help train new family court judges under the direction of the Supreme Court, and will help train practicing attorneys and guardians *ad litem* through the South Carolina Bar Association, and through state agencies and local law enforcement agencies, the Center will train case workers and officers who appear in court.

The proposed Center will contribute to the public service mission of the University of South Carolina-Columbia. According to the proposal, the Center will continue to be administered by the School of Law. The proposed Center will be the only program of its type in South Carolina. The Center will be distinguished from other programs at the USC campus, such as the Institute for Families in Society and the Center for Child and Family Studies, by its focus on children's *legal* issues.

The proposed Center will provide non-credit bearing training programs for practitioners of law and law enforcement. It will offer its assistance to the School of Law in curriculum planning regarding children's law.

The Children's Law Office at USC-Columbia currently has 19 staff members who will be adequate in the proposed Children's Law Center. Additional programs in the future on children's mental health and children with disabilities, will require two additional resource attorneys. Additional administrative, development, and grants management staff are also contemplated. There will be two administrators (2 FTE), no faculty (0 FTE), and 24 staff (24 FTE) serving the new Center. In the first five years, a total of nine new staff members (10 FTE) will be hired, which includes increasing two existing positions from part-time to full-time.

The Center will be located on the Columbia Campus. All offices are filled, but space is available through the reconfiguration of partitions and costs are expected to be minimal and will be provided through grants and contracts. No major equipment will be needed for the proposed Center.

The current Children's Law Office has an annual operating budget of $1.4 million, based on sponsored awards. The current CLO receives various federal and foundation grants for the provision of training and services. The largest portion of the budget is covered by federal funds, including a Children's Justice Act grant, Title IV-E training funds, and juvenile justice grants provided through the Department of Justice. The proposed Center would continue to contract with state agencies for training programs.

In summary, USC-Columbia has proposed a change in the status of the Children's Law Office to that of a "Center". The Center aspires to symbolize excellence in legal education and the application of children's law. Sources of current funding for the Center are federal grants and state contracts. The designation of a Center would provide preferred status for the Children's Law Office in seeking grants and contracts. Center status is requested to allow future requests for state funding, although such funding will not be requested at least until 2011.

Recommendation

The Committee on Academic Affairs and Licensing recommends the Commission approve the Children's Law Center at the University of South Carolina-Columbia, to be implemented immediately upon Commission approval.