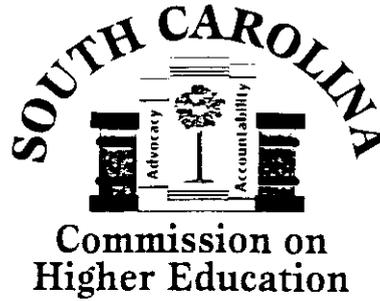


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Agenda item 3.02.e



Rayburn Barton
Executive Director

May 3, 2001

MEMORANDUM

To: Mr. Dalton B. Floyd, Jr., Chairman, and Members, Commission on Higher Education

From: Ms. Dianne Chinnes, Chairman, Committee on Academic Affairs and Licensing

Informational Report on New Program Development, FY 1989-1999

Background

This past fall we conducted an extensive study about program development trends among programs added or deleted between 1989 and 1999.

The entire study, as revised and updated, will be placed on our web site in the near future.

The attached Executive Summary is provided for your information. Completion of this report, which quantifies both program additions and program deletions, is especially timely as we move from one century into the next.

cc: Attachment

**Program Activity Report
1989 -- 1999**

South Carolina Commission on Higher Education

Brittnee Benesch & Alan S. Krech

Executive Summary

(Revised 2/28/01)

Purpose

The purpose of this study was to locate program trends at the public institutions and technical colleges in South Carolina by analyzing added and deleted programs between 1989 and 1999.

Methodology

To obtain a list of programs, the researcher used *An Inventory of Academic Degree Programs in South Carolina* (14th edition, Fall 1989) and compared it to *An Inventory of Degree Programs in South Carolina* (17th edition, Fall 1998). To obtain programs that had been added in 1999, the program tracker for public and technical colleges was consulted.

Limitations

Because the most recent inventory was from 1998 and because the program tracker only listed added programs, programs deleted in 1999 generally will not appear in the data. Another missing element will be any programs that were both added and then deleted within the ten-year period of the study. The added programs used on the program tracker list were only those that had been approved by the Commission as of 06/03/00.

Findings

Emerging Trends at 4-Year Public Institutions

The total headcount enrollment for 1989 at 4-year public institutions was 85,579 (Full-Time Equivalent [FTE] Enrollment = 59,417). By 1999, the total headcount enrollment had increased to 87,112 (FTE = 73,701). Within this same ten-year period, there were **177 added** programs and **73 deleted** programs at the 4-year public institutions. In the area of **agriculture** there appears to be no real trend in the addition or deletion of programs. However, it does appear that programs are becoming less specific and more general in nature as evidenced in the new program titles. This trend towards more general program classification can also be seen in the **biological sciences**. **Business** continues to be a growing field as evidenced in the addition of a variety of new programs, specifically in the areas of marketing and management. Another growing field is **communications**. In the past ten years, seven institutions initiated communications or communications related programs. These new programs focus not so much on journalistic communication but rather general and mass communication.

The environment has obviously become a major point of interest in the last decade. Eight new programs have been added that deal with **environmental science/studies** and natural resources. Always a popular field, programs in **education** continue to be added. These new programs focus on students who wish to obtain a masters degree in a particular area of education. In addition, many of the new programs address the growing demand for special education teachers.

In the area of **health professions** there is a growing number of programs in health administration. Administration programs as a whole are growing in number whether they are in business, healthcare, or public services. **Parks, recreation, leisure, and fitness** studies have experienced a boom over the last ten years. There is an increasing number of new programs relating to exercise science and sports administration/management.

Emerging Trends at Technical Colleges

Between 1989 and 1999, there were **69 added** programs and **40 deleted** programs at the technical colleges. Unlike the 4-year public institutions that already had their programs in place, many of the technical colleges began their **computer and information science** programs within the last decade. Of the sixteen technical colleges, fourteen added new programs in data processing technology.

Engineering related technologies saw both an increase and a decrease in their number of programs. Ten new programs were added at eight different institutions. It is interesting to note that, for the most part, the programs added were in different types of engineering rather than from one specific area. In contrast, sixteen programs were deleted from engineering related technologies over the past ten years. The area hit the hardest was automated manufacturing technology with four deleted programs and industrial engineering technology with three deleted programs.

Health professions and related sciences was another area that saw an increase in programs. Twelve new programs were added in a variety of different areas, while only two health professions programs were deleted.

Nine new programs were added in **liberal arts and sciences** and ten new programs were added in the **mechanical and repairers category**, seven of these for industrial electronics installers and repairers. Twelve programs were deleted from the mechanical and repairers category including five programs in heating, ventilation, and air conditioning and five programs that produced automotive mechanics/technicians.

Data Summary

4-Year Public Institutions – At a Glance

- 12 Institutions
- 177 Programs Added
 - 69 Baccalaureate Degrees

- 63 Masters Degrees
- 01 Education Specialist Degree
- 30 Doctoral Degrees
- 01 Professional Degree
- 01 Diploma/Certificate (Post-Associate, but less than 4 years)
- 06 Advanced Certificates (Post-Baccalaureate)
- 06 Advanced Degrees (Post-Masters)
- 73 Programs Deleted
 - 03 Associate Degrees
 - 35 Baccalaureate Degrees
 - 24 Masters Degrees
 - 03 Education Specialist Degrees
 - 07 Doctoral Degrees
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)

4-Year Public Institutions Summary

The Citadel

- 05 Programs Added
 - 04 Baccalaureate Degrees
 - 01 Masters Degrees
- 05 Programs Deleted
 - 04 Baccalaureate Degrees
 - 01 Masters Degree

Clemson University

- 42 Programs Added
 - 15 Baccalaureate Degrees
 - 14 Masters Degrees
 - 13 Doctoral Degrees
- 23 Programs Deleted
 - 10 Baccalaureate Degrees
 - 09 Masters Degrees
 - 03 Doctoral Degrees

Coastal Carolina University

- 06 Programs Added
 - 04 Baccalaureate Degrees
 - 01 Masters Degrees
 - 01 Professional Degree
- 02 Programs Deleted
 - 01 Associate Degree
 - 01 Baccalaureate Degree

College of Charleston

- 13 Programs Added
 - 08 Baccalaureate Degrees
 - 04 Masters Degrees
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)
- 01 Program Deleted
 - 01 Baccalaureate Degree

Francis Marion University

- 07 Programs Added
 - 03 Baccalaureate Degrees
 - 04 Masters Degrees
- 00 Programs Deleted

Lander University

- 06 Programs Added
 - 05 Baccalaureate Degrees
 - 01 Masters Degree
- 01 Programs Deleted
 - 01 Baccalaureate Degree

Medical University of South Carolina

- 15 Programs Added
 - 01 Baccalaureate Degree
 - 06 Masters Degrees
 - 01 Doctoral Degree
 - 01 Advanced Certificate (Post-Baccalaureate)
 - 06 Advanced Degrees (Post-Masters)
- 05 Programs Deleted
 - 04 Baccalaureate Degree
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)

South Carolina State University

- 05 Programs Added
 - 03 Baccalaureate Degrees
 - 02 Masters Degrees
- 01 Program Deleted
 - 01 Baccalaureate Degree

USC – Aiken

- 05 Programs Added
 - 03 Baccalaureate Degrees
 - 02 Masters Degrees
- 03 Programs Deleted
 - 02 Associate Degrees

- 01 Baccalaureate Degrees

USC – Columbia

- 51 Programs Added
 - 10 Baccalaureate Degrees
 - 19 Masters Degrees
 - 01 Education Specialist Degree
 - 15 Doctoral Degrees
 - 06 Advanced Certificates (Post-Baccalaureate)
- 21 Programs Deleted
 - 05 Baccalaureate Degrees
 - 12 Masters Degrees
 - 04 Doctoral Degrees

USC – Spartanburg

- 09 Programs Added
 - 07 Baccalaureate Degrees
 - 02 Masters Degrees
- 00 Programs Deleted

Winthrop University

- 13 Programs Added
 - 06 Baccalaureate Degrees
 - 07 Masters Degrees
- 12 Programs Deleted
 - 07 Baccalaureate Degrees
 - 02 Masters Degrees
 - 03 Education Specialist Degrees

4-Year Public Institutions Subject Matter/Program Summary

Agriculture Business & Production

- 02 Programs Added
 - 01 Baccalaureate Degree
 - 01 Masters Degree
- 00 Programs Deleted

Agricultural Sciences

- 04 Programs Added
 - 02 Baccalaureate Degrees
 - 01 Masters Degree
 - 01 Doctoral Degree
- 03 Programs Deleted
 - 02 Baccalaureate Degrees
 - 01 Doctoral Degrees

Architecture & Related Programs

- 00 Programs Added
- 02 Programs Deleted
 - 01 Baccalaureate Degree
 - 01 Masters Degree

Area, Ethnic & Cultural Studies

- 01 Program Added
 - 01 Advanced Certificate (Post-Baccalaureate)
- 00 Programs Deleted

Biological Sciences/Life Sciences

- 06 Programs Added
 - 03 Masters Degrees
 - 03 Doctoral Degrees
- 04 Programs Deleted
 - 02 Baccalaureate Degrees
 - 01 Masters Degrees
 - 01 Doctoral Degrees

Business Management & Administrative Services

- 13 Programs Added
 - 11 Baccalaureate Degrees
 - 02 Masters Degrees
- 02 Programs Deleted
 - 02 Baccalaureate Degrees

Communications

- 10 Programs Added
 - 08 Baccalaureate Degrees
 - 01 Masters Degree
 - 01 Doctoral Degree
- 01 Programs Deleted
 - 01 Baccalaureate Degree

Computer & Information Sciences

- 02 Programs Added
 - 01 Baccalaureate Degree
 - 01 Masters Degree
- 00 Programs Deleted

Conservation & Renewable Natural Resources

- 07 Programs Added

- 01 Baccalaureate Degrees
- 03 Masters Degrees
- 03 Doctoral Degrees
- 03 Programs Deleted
 - 01 Baccalaureate Degree
 - 01 Masters Degree
 - 01 Doctoral Degree

Education

- 34 Programs Added
 - 08 Baccalaureate Degrees
 - 19 Masters Degrees
 - 01 Education Specialist Degree
 - 05 Doctoral Degrees
 - 01 Advanced Certificate (Post-Baccalaureate)
- 21 Programs Deleted
 - 07 Baccalaureate Degrees
 - 09 Masters Degrees
 - 03 Education Specialist Degrees
 - 02 Doctoral Degrees

Engineering

- 05 Programs Added
 - 01 Baccalaureate Degrees
 - 02 Masters Degrees
 - 02 Doctoral Degrees
- 06 Programs Deleted
 - 01 Baccalaureate Degree
 - 05 Masters Degrees

English Language & Literature/Letters

- 02 Programs Added
 - 01 Baccalaureate Degree
 - 01 Masters Degree
- 04 Programs Deleted
 - 02 Baccalaureate Degrees
 - 01 Masters Degrees
 - 01 Doctoral Degree

Foreign Language & Literature

- 12 Programs Added
 - 07 Baccalaureate Degrees
 - 02 Masters Degrees
 - 01 Doctoral Degree
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)

- 01 Advanced Certificate (Post-Baccalaureate)
- 04 Programs Deleted
 - 04 Baccalaureate Degrees

Health Professions & Related Sciences

- 26 Programs Added
 - 09 Baccalaureate Degrees
 - 07 Masters Degrees
 - 03 Doctoral Degrees
 - 01 Advanced Certificate (Post-Baccalaureate)
 - 06 Advanced Degrees (Post-Masters)
- 07 Programs Deleted
 - 01 Associate Degree
 - 05 Baccalaureate Degrees
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)

Home Economics

- 00 Programs Added
- 03 Programs Deleted
 - 03 Baccalaureate Degrees

Liberal Arts & Science, General Studies & Humanities

- 00 Programs Added
- 01 Program Deleted
 - 01 Associate Degree

Library Science

- 00 Programs Added
- 01 Program Deleted
 - 01 Diploma/Certificate (Post-Associate, but less than 4 years)

Marketing Operations/Marketing & Distribution

- 00 Programs Added
- 01 Programs Deleted
 - 01 Baccalaureate Degree

Mathematics

- 01 Programs Added
 - 01 Masters Degree

Multi/Interdisciplinary Studies

- 03 Programs Added
 - 01 Professional Degree
 - 02 Advanced Certificates (Post-Baccalaureate)

- 00 Programs Deleted

Parks, Recreation, Leisure & Fitness Studies

- 08 Programs Added
 - 04 Baccalaureate Degrees
 - 02 Masters Degrees
 - 02 Doctoral Degrees
- 00 Programs Deleted

Philosophy & Religion

- 02 Programs Added
 - 01 Baccalaureate Degrees
 - 01 Doctoral Degree
- 00 Programs Deleted

Physical Sciences

- 08 Programs Added
 - 03 Baccalaureate Degrees
 - 03 Masters Degrees
 - 02 Doctoral Degrees
- 02 Programs Deleted
 - 01 Masters Degree
 - 01 Doctoral Degree

Protective Services

- 01 Program Added
 - 01 Baccalaureate Degree
- 01 Program Deleted
 - 01 Associate Degree

Psychology

- 04 Programs Added
 - 03 Masters Degrees
 - 01 Doctoral Degree
- 00 Programs Deleted

Public Administration & Services

- 02 Programs Added
 - 01 Masters Degree
 - 01 Doctoral Degree
- 01 Programs Deleted
 - 01 Baccalaureate Degree
 - 01 Masters Degree

Social Sciences & History

- 05 Programs Added
 - 01 Baccalaureate Degree
 - 03 Masters Degrees
 - 01 Doctoral Degree
- 02 Programs Deleted
 - 02 Masters Degrees

Theology Studies & Religious Vocations

- 00 Programs Added
- 01 Program Deleted
 - 01 Baccalaureate Degree

Visual & Performing Arts

- 19 Programs Added
 - 09 Baccalaureate Degrees
 - 07 Masters Degrees
 - 02 Doctoral Degrees
 - 01 Advanced Certificate (Post-Baccalaureate)
- 03 Programs Deleted
 - 01 Baccalaureate Degree
 - 02 Masters Degrees

Technical Colleges – At a Glance

- 16 Institutions
- 69 Programs Added
- 40 Programs Deleted

Technical Colleges Institution Summary

Aiken Technical College

- 03 Programs Added
- 02 Program Deleted

Central Carolina Technical College (formerly Sumter Area Technical College)

- 03 Programs Added
- 05 Programs Deleted

Chesterfield-Marlboro Technical College

- 02 Programs Added
- 02 Programs Deleted

Denmark Technical College

- 03 Programs Added

- 09 Programs Deleted

Florence-Darlington Technical College

- 05 Programs Added
- 00 Programs Deleted

Greenville Technical College

- 07 Programs Added
- 06 Programs Deleted

Horry-Georgetown Technical College

- 08 Programs Added
- 01 Program Deleted

Midland Technical College

- 07 Programs Added
- 02 Programs Deleted

Orangeburg-Calhoun Technical College

- 06 Programs Added
- 00 Programs Deleted

Piedmont Technical College

- 08 Programs Added
- 04 Programs Deleted

Spartanburg Technical College

- 04 Programs Added
- 00 Programs Deleted

Technical College of the Low Country

- 03 Programs Added
- 03 Programs Deleted

Tri-County Technical College

- 04 Programs Added
- 01 Program Deleted

Trident Technical College

- 06 Programs Added
- 01 Program Deleted

Williamsburg Technical College

- 00 Programs Added

- 00 Programs Deleted

York Technical College

- 01 Program Added
- 03 Programs Deleted

Technical Colleges Subject Matter/Program Summary

Agribusiness & Agricultural Production

- 01 Program Added
- 00 Programs Deleted

Business Management & Administrative Services

- 00 Programs Added
- 03 Programs Deleted

Marketing

- 00 Programs Added
- 01 Program Deleted

Communications Technology

- 01 Program Added
- 00 Programs Deleted

Computer & Information Sciences

- 16 Programs Added
- 00 Programs Deleted

Engineering-Related Technologies

- 10 Programs Added
- 16 Programs Deleted

Health Professions & Related Sciences

- 12 Programs Added
- 02 Programs Deleted

Industrial Arts

- 00 Programs Added
- 01 Program Deleted

Law & Legal Studies

- 03 Programs Added
- 00 Programs Deleted

Liberal Arts & Sciences, General Studies & Humanities

- 09 Programs Added
- 00 Programs Deleted

Mechanical & Repairers

- 10 Programs Added
- 12 Programs Deleted

Parks, Recreation, Leisure & Fitness Studies

- 00 Programs Added
- 01 Program Deleted

Personal & Miscellaneous Services

- 01 Program Added
- 00 Programs Deleted

Precision Production Trades

- 00 Programs Added
- 03 Programs Deleted

Public Administration & Services

- 03 Programs Added
- 00 Programs Deleted

Science Technologies

- 02 Programs Added
- 00 Programs Deleted

Transportation & Materials Moving Workers

- 01 Program Added
- 00 Programs Deleted

Vocational Home Economics

- 00 Programs Added
- 01 Program Deleted