



# South Carolina Commission on Higher Education

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## MEMORANDUM

**To:** Mr. Ken Wingate, Chairman, and Members, Commission on Higher Education

**From:** Dr. Bettie Rose Horne, Chair, Committee on Academic Affairs and Licensing, and Members *BRH/kmm*

### Consideration of Annual Evaluation of Associate Degree Programs FY 2007-2008

#### Background

The South Carolina 1979 Master Plan requires the annual review of associate degrees in the State's public higher education institutions. In 1996, the passage of Act 359 underscored the importance of program accountability by focusing on questions related to time to degree and graduates' first-time passing rates on professional licensure examinations. Over time, the concept of accountability of institutions of higher education has grown on the national agenda.

The purposes of this study remain relevant as part of the focus of both state and national governments on institutional accountability. The language of Act 359 maintained the purposes of this annual review as they had been articulated in earlier legislation and Commission policy as follows:

- 1) to insure that programs demonstrate responsiveness to employment trends and meet minimum standards of enrollment, graduation, and placement; and
- 2) to identify programs which need to be strengthened.

Given the preponderance of associate degree programs which are employment-related to specific occupations or occupational sectors, this report has for many years sought to provide insight into specific programs which are *either exceptionally achieving their ends or are underperforming* in relationship to the state's current and future economic development needs.

The procedures for this review require each program's productivity to be evaluated in terms of enrollment, number of graduates, and percent of graduates placed in a related job or continuing their studies full-time. The following criteria apply:

1. Each program must produce at least six graduates during the evaluation year or an average of at least six graduates over the most recent three-year period.
2. At the most recent fall term, each program must enroll at least 16 students who generate 12 full-time equivalents.
3. At least 50 percent of the graduates available for job placement must be placed in a job related to their education or continue their education on a full-time basis.

Programs which fail to meet the above criteria must be canceled, suspended, or put on probation unless their continuation is justified to the Commission. Justification for programs may take into consideration such factors as manpower requirements, funding, and employment "stop outs" of students. In addition, three programs—General Technology, Vocational Technical Education, and General Engineering Technology—have historically had different and much more flexible standards of evaluation because of the unique needs they have filled and the low enrollments which they were expected to produce. Programs such as General Technology, Vocational Education, and General Engineering Technology have historically been considered "justified" for continuation regardless of whether they met the evaluation requirements.

When a program is placed on probation, the institution may continue to offer the program but must provide a plan for the program to meet all criteria within three years. Suspension means that the program's inability to meet the minimum criteria is serious enough to discontinue temporarily the enrollment of new students in the program until the institution can study the need and demand for the program. A program may remain on suspension for three years.

### **Distribution of Associate Degree Programs by System and Sector**

For this reporting period, associate degree programs exist in all sixteen technical colleges and the four two-year regional branches of the University of South Carolina. In addition, AA/AS associate degrees are offered at Fort Jackson by USC-Columbia and at USC-Beaufort at the Marine Corps Air Station. Both of these are offered at the request of the military base administration and commanders.

***The associate degree programs in the state's public institutions were evaluated using Fall 2008 enrollment data and academic year 2007-2008 graduation and employment data.*** Eight (8) associate degree programs in the two-year USC campuses and 306 associate degree programs in the technical college system were evaluated. New associate degree programs (those implemented within the past three years) are always excluded from this analysis.

## **General Analysis of the Programs of Study in the USC System**

As stated above, all USC regional campuses designated as “two-year” as well as USC-Beaufort at the Marine Corps Air Station and USC-Columbia at Fort Jackson continue to offer Associate of Arts/Associate of Science degree programs. USC-Beaufort, formerly a two-year institution which was approved to become a four-year institution in June 2002, has been permitted by the Commission on Higher Education to continue to offer the associate of arts/associate of science degree program at the military bases in Beaufort. The number of graduates from the program at USC-Beaufort shows a downward trend over the past eight years (see **Table 1**). According to USC-Beaufort officials, the dramatic decline in the on-base AA program has been precipitated at least in part by the fact that once USC-Beaufort became a four-year institution, it charged tuition and fees for the two-year program at the four-year rate. Given the presence of other providers on the military base with significantly lower charges, enrollments have suffered. USC-Beaufort has recently adopted a new “military rate” for active military personnel; along with other resources that will be allocated to the program, USC-Beaufort is working proactively to revitalize this program.

In February 1998, USC-Columbia requested and received approval to revise its mission statement so that its ongoing offering of the Associate of Arts degree program at Fort Jackson would be officially included as part of its institutional mission. Enrollment and graduation data show (see **Table 1**) that this program is very small.

In the past, the Commission staff has held that, because it is small and peripheral to the mission of the state's comprehensive *research* university, the AA/AS at Fort Jackson would be more appropriately offered by a two-year institution, either USC-Sumter or Midlands Technical College. The University administration has maintained historically that the program is important for carrying out the University's community and humanitarian mission and has been strongly supported in this view by representatives of Fort Jackson, despite the small size of the program.

Over the past four years the numbers of graduates from the AA/AS programs in the University of South Carolina system have varied considerably as **Table 1** shows. The data reported from the USC-Columbia Institutional Research Office show that for 2007-2008 two of the six USC campuses, including Fort Jackson, offering the AA/AS program have experienced decreases in graduates for 2007-2008 over the 2006-2007 academic year. Three regional two-year USC campuses experienced increases in

graduates in that year. In all, the total number of AA/AS graduates in the USC System increased from 295 to 305 from 2006-07 to 2007-2008.

Completion of an AA/AS degree prior to transferring to a four-year institution has been shown to increase the rate at which transfer students complete the baccalaureate degree. That fact, linked with students' eligibility for the Lottery Tuition Assistance Program while working toward their AA/AS degrees, suggests that the two-year USC regional campuses should consider promoting attainment of the AA/AS degree as a “best practice” to encourage progression toward completion of a baccalaureate degree.

Recently, two new developments in South Carolina have made the call to increase AA/AS graduates (and their subsequent successful transfers to baccalaureate programs) even more important. As a matter of state policy through legislation, the Education and Economic Development Act of 2005 has placed a premium on “seamless” transfer in higher education with the end of creating a better-prepared and better-credentialed work force in the state. More recently, the Higher Education Study Committee and the Commission on Higher Education have identified as the first goal in the *Leveraging Higher Education for Stronger South Carolina: Action Plan Implementation* making South Carolina one of the most educated states in the next 15 years by increasing degree attainment.<sup>1</sup> There is no way that this goal can be achieved without successful efforts, targeted to various elements of the population, to increase the numbers of persons with earned associate and baccalaureate degrees in South Carolina. Coupled with clear empirical evidence of the value added by baccalaureate-degree completers to the state's economic and civic development, these two calls in state policy make efforts to increase AA/AS production at all the technical colleges and the USC two-year campuses more important than ever.

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<sup>1</sup> *Leveraging Higher Education for a Stronger South Carolina: The Action Plan Implementation*, The Higher Education Study Committee, March 2009, 7.

**Table 1**  
**USC-System AA/AS Program Graduates**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
	<b>-01</b>	<b>-02</b>	<b>-03</b>	<b>-04</b>	<b>-05</b>	<b>-06</b>	<b>-07</b>	<b>-08</b>
<b>4-Year:</b>								
USC-Columbia (Ft. Jackson)	14	19	14	12	4	8	11	11
USC-Beaufort	63	72	79	73	56	39	23	24
<b>SUB-TOTAL</b>	<b>77</b>	<b>91</b>	<b>93</b>	<b>85</b>	<b>60</b>	<b>47</b>	<b>34</b>	<b>35</b>
<b>2-Year</b>								
USC-Lancaster	86	96	81	69	71	91	108	99
USC-S'hatchie	83	90	80	84	92	76	62	52
USC-Sumter	160	161	119	70	74	62	45	81
USC-Union	35	52	45	55	49	51	46	57
<b>SUB-TOTAL</b>	<b>364</b>	<b>399</b>	<b>325</b>	<b>278</b>	<b>286</b>	<b>280</b>	<b>261</b>	<b>289</b>
<b>TOTAL</b>	<b>441</b>	<b>490</b>	<b>418</b>	<b>346</b>	<b>346</b>	<b>327</b>	<b>295</b>	<b>324</b>

Source: USC annual reports on associate degree data

***Applied, Occupationally-Specific Two-Year Degrees in the USC System***

The two-year campuses of the USC System present an important challenge to and opportunity for higher education institutions in South Carolina. Three of the four of these two-year regional campuses are found in communities without a main campus of a technical college. These three campuses are USC-Lancaster, USC-Salkehatchie, and USC-Union. Of these three, only USC-Lancaster offers occupationally-specific degree programs, although neither the authorizing legislation nor Act 359 prohibits the others from offering occupational degrees. The occupational programs at USC-Lancaster are in nursing, criminal justice, and business. Graduates from the occupationally-specific two-year programs at USC-Lancaster are listed below in **Table 2** for the past two academic years. While the number of graduates has decreased slightly in nursing and criminal justice, the number of graduates in business has increased slightly. In the most recent year, all three of these occupational programs meet the CHE statewide productivity requirements. The USC-Lancaster occupational associate degree programs serve a small, but vital, set of counties in the state.

**Table 2**  
**USC-Lancaster Graduates of Two-Year Occupational Associate Degree**  
**Programs of Study**  
**(Academic Years 2006-2007 and 2007-2008)**

	<b>Nursing</b>	<b>Criminal Justice</b>	<b>Business</b>
2006-2007	18	15	12
2007-2008	16	12	16

Four years ago, this annual report suggested the inclusion (or, in the case of Lancaster, the increase) of offerings of two-year occupationally-related degree programs in the curricula of the three remaining two-year regional USC campuses located in communities where no technical college is located (i.e., Lancaster, Union, and Salkehatchie) as an initiative to spur economic development in those communities. The logic behind this position was to use more efficiently USC facilities in these small communities by inviting the neighboring technical college to bring its expertise in technical fields to supplement the arts and sciences instruction available from the USC-campus' faculty.

Three years ago, the Commission asked that these two systems address the Commission's concerns about using the resources of the two systems cooperatively so that technical and occupational programs could be offered on the USC two-year regional campuses at Lancaster, Union, and Salkehatchie. There is a model for such collaboration which has existed for many years, the associate degree in nursing offered cooperatively by York Technical College with USC-Lancaster. Since that time, both systems have responded with a variety of initiatives designed to meet the needs of these rural areas. For example, USC has since received approval to offer the Bachelor of Science in Nursing-Generic (BSN-Generic) program through USC-Columbia at USC-Salkehatchie and at USC-Lancaster; the Bachelor of Arts in Liberal Studies degree; and the Bachelor of Arts in Organizational Leadership through USC-Columbia by traditional and distance education at the two-year regional campuses. York Technical College has reported significant enrollment growth in occupational courses/programs offered in Lancaster County through the Kershaw-Heath Springs Center. Technical College of the Lowcountry is working closely with Colleton County to build a Quick Jobs Center to offer technology training; is collaborating with the Thunderbolt Career and Technology Center; and has partnered with Hampton County to renovate and expand technology training at the Mungin Center.

Although these initiatives are important efforts to meet significant needs in these communities, in general both Systems have responded independently. Of note is one *collaborative* effort, which is the focus of the Commission's interest here: in Fall 2009, a training center opened in Union in which USC-Union offers the general education courses and Spartanburg Community College offers technical education courses. We commend this effort. Additionally, the Executive Director of the Technical College System and the Provost of the Regional Campuses met in January 2010 to discuss

opportunities where this model could be used throughout the state. We request that the Commission be kept apprised of developments emanating from this important discussion.

In summary, graduation rates and student enrollment data for the current review period show that all the two-year programs in the USC system (AA/AS and occupational programs) meet the productivity requirements for two-year programs.

### **General Analysis of Associate Degree Programs in the Technical Colleges**

A summary of the number of programs evaluated over the past 10 years in various categories at the technical colleges is found in **Table 3**.

**Table 3**  
**Ten Year Summary**  
**Annual Associate Degree Program Evaluation**  
**In the Technical Colleges**

<b>Year Evaluated</b>	<b>Good Standing</b>	<b>On Probation</b>	<b>Under Suspension</b>	<b>Cancelled</b>	<b>Total</b>
1999	261	31	7	2	301
2000	264	30	7	5	306
2001	269	22	9	7	307
2002	294	26	10	2	332
2003	297	19	14	1	331
2004	265	22	11	5	303
2005	276	13	8	4	301
2006	277	15	5	4	301
2007	281	15	4	4	304
2008	274	28	2	2	306

In the data for the current annual report, 28 (9.1%) programs out of a total of 306 which were analyzed at the technical colleges are on probation. By comparison, last year's report showed a total of 15 (4.9%) degree programs on probation; and the previous year 15 (5%) programs were on probation. For this reporting year, the specific programs (by degree and institution) on probation can be found in **Table 4**.

**Table 4**  
**Associate Degree Programs on Probation**  
**in Fall 2008**  
**(N=28)**

<b><u>College</u></b>	<b><u>Degree</u></b>	<b><u>Program</u></b>
Aiken Technical College	BUS	Administrative Office Technology
Aiken Technical College	PSER	Criminal Justice Technology
Central Carolina	ENGR	Environmental Engineering Technology
Central Carolina	ENGR	Engineering Graphics Technology
Denmark	ENGR	Electro-mech Engineering Technology
Denmark	ENGR	Electronics Technology
Florence –Darlington	IT	Computer Technology
Florence-Darlington	HEA	Medical Laboratory Technology
Florence-Darlington	ENGR	Engineering Graphics Technology
Florence-Darlington	ENGR	Electro-mech Engineering Technology
Florence-Darlington	HEA	Emergency Medical Technology
Greenville	ENGR	Architectural Engineering Technology
Horry Georgetown	AGR	Horticulture Technology
Horry-Georgetown	HEA	Emergency Medical Technology
Orangeburg-Calhoun	HEA	Medical Laboratory Technology
Spartanburg	ENGR	Engineering Graphics Technology
Spartanburg	ENGR	Mechanical Engineering Technology
Technical College of LC	IT	Computer Technology
Technical College of LC	ENGR	Civil Engineering Technology
Technical College of LC	LEG	Paralegal
Tri-County	ENGR	General Engineering Technology
Tri-County	ENGR	Engineering Graphics Technology
Tri-County	IND	Industrial Supervision Technology
Tri-County	MFG	Machine Tool Technology
Trident	IND	Aircraft Maintenance Technology
Trident	IND	Machine Tool Technology
Trident	ENGR	Mechanical Engineering Technology
Williamsburg	BUS	Administrative Office Technology

**Engineering and Industrial Technology programs**

In last year’s report, Engineering Technology programs were at the top of the categorical list of programs on probation (N=8) with Industrial Technology second (N=3). This year Engineering Technology remains at the top of the probation category with thirteen programs on probation with health programs second (N= 4) and industrial technology programs third (N=3). Programs in Business, General Technology, and Public Service complete the total of 28 probationary programs for this year’s analysis.

The data showing low enrollments and graduates in Engineering Technology degree programs is long-standing. This report has shown that area of the curriculum to have had more programs on probation in every one of the past eight years. As a system, the Technical Colleges of South Carolina have been described as a model among the states for preparing the state workforce. However, the System needs to continue to work on developing a long term plan to remove Engineering Technology programs from the “probationary” group. These programs assist the state in attracting and retaining industries which want to locate in South Carolina. Such industries tend to be engines of major growth and innovation, attracting other corporations to enter into the state. BMW and Boeing are two great examples of industries that have moved to South Carolina and provide extensive intangible benefits aside from jobs and income generated.

For nine years this report has cited the gulf between the often-stated need by the industrial/engineering community for Engineering Technology graduates and the small enrollments and graduates in these programs. Four years ago the Technical College System reported an initiative to address this issue more systematically by focusing on three areas:

- Elimination of excess coursework in some programs;
- Consolidation of multiple “engineering technology” programs at a single institution to concentrate resources and produce a more integrated curricular approach; and
- Vigorous recruitment of talented high school students—including the granting of college course credit through *Project Lead the Way*—into Engineering Technology programs.

These efforts have apparently met with some success, since three engineering technology programs (**Table 7**) have moved from probation to good status. All the prevailing economic models for the state’s future assume that engineers supported by engineering technicians will together play an essential role in building South Carolina’s 21st century economy. To meet this goal, the decreasing numbers of students enrolled in and graduating from Engineering Technology programs in the state must be addressed.

### **Continuing Success of the AA/AS Programs in the Technical Colleges**

The purpose of the AA/AS is to be the degree program in public two-year institutions which prepares students for transfer into baccalaureate programs. In South Carolina, AA/AS programs were begun in the 1970s in response to the needs of persons who for reasons of finance, geography, and/or historical under-representation in higher education (especially mature students, women, and minorities) found it much more possible to begin a baccalaureate degree program by taking the first two years of coursework at a technical college.

For this reporting year, all AA/AS programs in the Technical College System are in the “good” category (see **Table 5**) although the program at Orangeburg-Calhoun remains small.

**Table 5**  
**Graduates of AA/AS Degrees by Technical College**  
**2004-05 through 2007-08**

	<u>Year</u>				
	2004	2005	2006	2007	2008
<b>Technical College</b>					
Aiken Tech	26	36	53	38	33
Central Carolina	36	29	28	33	35
Denmark	45	11	27	14	26
Florence-Darlington	76	61	50	49	29
Greenville	177	155	169	187	200
Horry-Georgetown	73	72	92	90	67
Midlands	223	249	238	260	267
Northeastern	30	27	38	39	32
Orangeburg-Calhoun	5	10	11	6	8
Piedmont	79	52	62	62	59
Spartanburg Community College	79	69	61	51	46
Lowcountry	12	34	19	21	26
Tri-County	73	75	65	62	69
Trident	315	290	342	323	302
Williamsburg	12	16	26	19	20
York	26	37	52	78	55
<b>TOTAL</b>	<b>1287</b>	<b>1223</b>	<b>1333</b>	<b>1332</b>	<b>1274</b>

As **Table 5** demonstrates, the AA/AS programs in the Technical College System have been a great success in opening up the possibilities for transferring into a four-year degree program for many South Carolinians. The data for 2007-2008 show that the programs continue to produce a significant number of graduates. Eight institutions graduated more students than in the preceding year and eight graduated fewer students. The AA/AS program is of unique benefit to the state and the student because the program provides the first two years of a baccalaureate education at much lower cost than a generic four-year institution. As of Fall 2009, all degree designations in the Technical College System have been changed to the three nationally recognized ones: A.S. Associate of Science; A.A. Associate of Arts; A.A.S Associate of Applied Sciences.

The 2009 Higher Education Action Plan addresses the importance of institutions of higher learning creating pathways to successfully transfer students from two-year degree programs to four-year degree programs. In making South Carolina one of the most educated states in the country by the year 2030, the Action Plan recommends that the State “create incentives and requirements for seamless transitions between and among two-year and four-year institutions, including the implementation of a statewide initiative to monitor transfer.”<sup>2</sup> The CHE is developing an on-line transfer and articulation tool, SC TRAC, which will help transfer students identify course equivalencies and degree credit awards for transfer courses.

### **Importance of the Associate Degree Nursing Programs**

For a number of years this annual report has been grounded in two basic assumptions about the program of study leading to the associate degree in nursing:

1. In South Carolina the associate degree in nursing is accepted by employers as a legitimate degree for a Registered Nurse (R.N.), who is almost always paid at the same rate as a baccalaureate-prepared nurse.
2. Meeting employers’ demands for a well-educated nursing workforce to provide safe care in hospitals and other healthcare settings will apparently require the sustained commitment of each institution to enroll and graduate increasingly larger numbers of students for some number of years. (As in many other states, South Carolina regularly graduates about two-thirds of all its new nurse graduates from associate degree programs.)

During the recession, demand for new nurses has declined, in part because of delayed retirements, but at the moment we have no way to quantify the decrease. The actual *level of employer demand* for nurses is unknown because no database has been made available to show what the actual level of employer demand might be. It is, therefore, not possible yet to know exactly for how many years a sustained commitment to increase the numbers of nursing graduates will be required. Currently, the South Carolina Technical College System reports a 98% nursing placement rate for the ADN graduates. However, the recently established Office for Healthcare Workforce Research in Nursing in USC-Columbia’s S.C. Center for Nursing Leadership has set one of its priorities as collecting and disseminating supply and demand data. Anecdotal evidence suggests a decrease in employer demand as a number of graduates have reportedly been unable to find sustained employment in 2009. On the other hand, the *supply of graduates* from nursing programs in the Technical College System has grown convincingly since the issuance of the *Colleagues in Caring* report in 2001.

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<sup>2</sup> *Leveraging Higher Education for a Stronger South Carolina: The Action Plan Implementation*, The Higher Education Study Committee, March 2009, 18.

Among the 14 established ADN programs in the Technical College System, nine graduated significantly more students in this year's reporting class; four graduated fewer than last year; and the newest program, Northeastern Technical College, has not graduated its first class. The total of 1156 ADN nurses graduating from the Technical College system in 2007-2008 is the highest number ever, and will likely increase next year when Northeastern Technical College begins to produce graduates. The significant growth in eight years (2000-01 to 2007-08) from 725 graduates per year in 2000-2001 to 1156 in 2007-2008 (+37%) demonstrates the capacity of the technical college system to respond to market demand. **Table 6** shows the significant increase in the total number of graduates over the last eight years:

**Table 6**

**Total Number of Graduates from Technical Colleges' Associate Degree in Nursing Programs for Years 2000-2001 through 2007-2008**

2000-2001	725
2001-2002	706
2002-2003	748
2003-2004	918
2004-2005	968
2005-2006	940
2006-2007	989
<b>2007-2008</b>	<b>1156</b>

**Degree Programs No Longer on Probation**

For the current reporting year, a total of six programs which had been on probation in the technical colleges for last year's reporting period have been recommended by the State Technical College System for placement in good standing. In this group there are three programs in Engineering Technology and one each in General Technology, Criminal Justice, and Industrial Technology. The degrees and institutional locales of all the programs moving from Probation to Good are found below in **Table 7**. Engineering Technology programs accounted for 30% (N=3) of the programs moving from Probation to Good status.

**Table 7**  
**Degree Programs Returning to**  
**“Good” Status from “Probation” 2007-2008**  
**(N=6)**

<b><u>College</u></b>	<b><u>Degree</u></b>	<b><u>Program</u></b>
Florence-Darlington Tech	IT	General Technology
Greenville Tech	ENGR	Mechanical Engr Technology
Midlands Tech	IND	Machine Tool Technology
Technical College of LC	CRJ	Criminal Justice Technology
Tri-County Tech	NGR	Electronics Engr Technology
York Tech	ENGR	Mechanical Engr Technology

### **Tabular Analysis of Associate Degree Programs**

**Tables 8 and 9** provide a succinct quantitative analysis of the programs of the technical colleges for this period which are on suspension or have been cancelled. It is noteworthy that there are few programs in each category, a fact which suggests that planning by the Technical College System for technical programs, based upon community and business demand for graduates in certain fields, has minimized the need to suspend and cancel programs. Also of interest is the fact that all but one of these suspended and canceled programs is found in either Industrial Technology or Engineering Technology, a fact which continues to be mirrored in the probationary status of programs in these fields discussed earlier in this report.

**Table 8**  
**Associate Degree Programs On Suspension in 2008**  
**(or Continued for 2<sup>nd</sup> or 3<sup>rd</sup> Year Suspension)**  
**(N=2)**

<b><u>College</u></b>	<b><u>Degree</u></b>	<b><u>Program</u></b>
<b>Second Year:</b>		
Greenville Technical College	BUS	Food Service Management
Midlands Technical College	ENGR	Engineering Design Technology

**Table 9**  
**Associate Degrees Cancelled in Fall 2007**  
**(N=2)**

<u>College</u>	<u>Degree</u>	<u>Program</u>
Aiken Technical College	ENGR	Machine Tool Technology
Technical College of the Lowcountry	IND	Building Construction Technology

**Summary**

All of the associate degree programs in the University of South Carolina system and 274 of the 306 technical college programs evaluated for this report meet the “good” status requirements for this reporting year. The associate degree programs in the USC system and the Technical College System are overwhelmingly meeting the modest statewide productivity standards which have been measured since 1983 in these annual reports.

A significant decline in enrollment and graduates in the AA program at USC-Beaufort will need to be monitored for improvement over the next few years. Similarly, analysis of programs in the Technical College System also suggests that despite improvement in three programs, efforts need to be continued to bolster small enrollments and graduations in Engineering Technology, a field important to the State’s economic development.

**Recommendation**

The Committee on Academic Affairs and Licensing commends favorably to the Commission this report’s designation of programs for the current reporting year as shown in **Tables 1, 3, 6, 7, 8, and 9**. Because of the importance of certain associate degree programs to economic development in South Carolina, the staff further recommends that the Committee and Commission encourage the State Technical College system to continue to explore ways to increase enrollments and retention to graduation in programs in Engineering Technology.