GRAD Act

Sixth Annual Report to the Legislature

Bossier Parish Community College

2016

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CHANCELLOR
BOSSIER PARISH COMMUNITY COLLEGE

April 1, 2016

Dr. Monty Sullivan, President
Louisiana Community and Technical College System
265 South Foster Drive
Baton Rouge, LA 70806

Dear Dr. Sullivan:

Attached you will find copies of the 2016 GRAD Act Report for Bossier Parish Community College in accordance with Act 741 of the 2010 Regular Session of the Louisiana Legislature for your review and approval. Included in this submission are the following documents:

- Student Success Narrative
- The Articulation and Transfer Narrative
- Workforce and Economic Development Narrative
- Institutional Efficiency and Accountability Narrative
- Section 5 Reporting Requirement
- A copy of the online data submission
- Attachment D
- IBC reporting requirements

The college point of contact for this information is Vice Chancellor of Academic Affairs, Lesa Taylor-Dupree. She can be reached at 318-678-6348 or via email at ltaylordupre@bpcc.edu.

Sincerely,

Rick Bateman, Jr., Ph.D.
Chancellor

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GRAD Act

Sixth Annual Report to the Louisiana Legislature

Bossier Parish Community College

Bossier Parish Community College (BPCC) is a two-year public institution currently serving 6,367 students (spring 2016 semester head count enrollment). The College offers 24 associate degrees and 23 certificates/technical diplomas. In addition to degree programs, Bossier Parish Community College promotes workforce training, continuing education, and pre-GED preparation. The College's initiatives to foster student success, sustain economic development, and respond to the regional education demands are described in the following report:

1. STUDENT SUCCESS: Performance Objective (1): Student Success

Element a: Implement policies established by the institution's management board to achieve cohort graduation rate and graduation productivity goals that are consistent with institutional peers.

BPCC is governed by the Louisiana Community and Technical College System, which allows Bossier Parish Community College to promote student success reflective of students' educational goals. The college emphasizes institutional performance and accountability.

The following policies are in place:

- 1.002 – *Delegation of Authority to Chancellors to Sign and Distribute Degrees, Diplomas and Certificates*. Effective: 5/10/00
- 1.010 – *Program Assessment* Effective: 3/14/01
- 1.014 – *Assessment* Effective: 11/14/01
- 1.016 – *LCTCS Cross-Enrollment Policy* Effective: 11/14/01
- 1.020 – *Academic Status* Effective: Fall 2003
- 1.023 – *LCTCS Policy on Non-Traditional Credit* Effective: 12/12/01
- 1.025 – *Articulation* Effective: 12/12/01
- 1.029 – *Disclosure of Degree Program Transferability* Effective: 8/14/02
- 1.036 – *Cross Enrollment Agreement between System Institutions* Effective: 7/9/03
- 5.025 – *Tuition Discounts and Waivers* Effective : 8/10/05

Source: Louisiana Community and Technical College System

BPCC strives to achieve cohort graduation rate and successful completer productivity goals by examining the impact of policies adopted by the LCTCS management board upon the local campus. The policies are implemented at the local campus with special attention to how they impact students' ability to persist and succeed.

Measure 1.a.i: 1st to 2nd year retention rate.

a. Number of first-time, full-time, degree-seeking students enrolled in the prior fall semester.

The College's retention rate for AY 2014-15 is 53.0%, which falls within 2% of the benchmark of 54.4%. This represents an increase of 1.6% over the baseline year (51.4%). The improvement may be attributed to an intentional tracking plan to monitor student re-enrollment and advising patterns.

Sum of Cohort Count	820
Sum of Total First Year Retained	435
Percent of First Year Retained	53.0%

Although BPCC did not achieve its 54.4% retention benchmark for year six, the following chart shows that the College has made progress toward the target, and the most recent two-year average of 53.4% exceeds the previous three-year average of 48.3% by 5.1%.

	Previous 3 Years			Most Recent 2 Years	
1st to 2nd Year Retention Rate	2010	2011	2012	2013	2014
Number in FTFTDS Cohort	1436	1185	1224	1026	820
Number returning following Fall	635	588	627	551	435
Retention Rate	44.2%	49.6%	51.2%	53.7%	53.0%
	48.3%			53.4%	

To address challenging student success rates, and to offer students opportunities to advance more quickly through developmental coursework, Open Campus™, a series of ten open-source, non-credit, developmental and preparatory courses functioned as supplemental instruction. For example, BPCC math instructors adopted the courses as supplemental study aids and in flipped classroom models, and they reported positive feedback. From summer 2014 through spring 2015 semesters, Open Campus™ learning videos were directly embedded into coursework for Developmental Math 097, 098, 099, and college algebra (102) courses for over 6,570 students. During the same time, over 7,000 students self-enrolled directly into Open Campus™ courses. Many placement testers used Open Campus™ to study and place up, or out of, developmental coursework; others remarked that reviewing course materials helped relieve test anxiety. Since Open Campus™ video lectures are also housed on YouTube®, viewers from all 50 US states and in 133 countries around the world viewed BPCC's Open Campus™ lecture videos for a total of 548,704 minutes, through 77,442 separate views. In spring, 2015, BPCC piloted an Open Campus™ mobile-version to increase access to students using smartphones and tablets.

Measures 1.a.ii. and 1.a.iii. N/A

BPCC takes great pride in serving veterans, active duty military, and their families with their education benefits. BPCC has been deemed a Military Friendly School by *Victory Media* and has maintained that honor for five consecutive years. For the 2014-2015 school calendar year, BPCC served approximately 1,516 military students using GI Bill Benefits, Active Duty Tuition Assistance Programs, and the Louisiana State Tuition Waiver provided to the Louisiana National Guard. Also, BPCC is a Governor's Military Friendly College.

The College has developed a Student-Athlete Success Center to help student-athletes achieve success in the classroom while competing in their respective sports. In addition to the team study hall times already in place, subject-specific study hall times have been initiated. Another successful part of the Student-Athlete Success Center is the College Success Skills course geared specifically for Student-Athletes, which helps Student-Athletes learn better study skills in their transition from high school to college. To support students in striving for academic success, the college will continue to improve the academic outcomes by improving resources offered through the Success Center. For example, an enhanced Student-Athlete Orientation will be implemented.

The College opened a writing laboratory to provide writing support to students regardless of discipline. Students were able to meet with English faculty for one-on-one tutoring sessions and also used the

writing laboratory as a computer laboratory where they conducted research and worked on essays. Over 563 students visited the laboratory during the first semester. The laboratory has expanded services, and the number of students it serves has increased.

Student Success strategies were built into each of the three USDOL TAACCCT grants received by BPCC in 2012, 2013, and 2014. Intentional support for improving work/school balance and financial wellness has been paired with focused job placement and employer engagement for ultimate student success in the workforce. To improve student success and retention rates, the grants implemented the following: TAACCCT 2- 1.) Wraparound staff supports were available to advise students on classes, job opportunities, certifications, program updates, and student - focused activities; 2.) Open Campus IT courses were developed to help students build a stronger IT foundation, help students decide which concentration to choose, and to attract new students to BPCC. TAACCCT 3-1.) In addition to the wraparound services mentioned above, the grant developed Resume Cafés together with manufacturing human resource professionals and a "round-robin" interview process that provides each graduate with 8-10 interviews with area manufacturers. This practice has been recognized nationally by the Education Advisory Board as a best practice for employer engagement and student success. TAACCCT 4 – 1.) This grant team has focused on interview and resume-writing skills and specific job placement within the oil and gas and welding industries. This grant provided free welding training to area veterans and other students to "upskill" their abilities and gain higher paying jobs within the industry.

Additionally, the College continued efforts developed by the Blueprint for Student Success focusing on the first - year experience and the transfer student experience involving proactive, appreciative academic advising, orientation, study skills, and time management strategies. The College has also strengthened efforts to reclaim students who are suspended or on academic probation with early intervention strategies and alternate modes of course delivery.

Measure 1.a.iv: Same institution graduation rate.

BPCC's graduation rate for 2014-15 is 11.0%. This rate is based on first-time, full-time degree seeking students (1,606 students) beginning at BPCC in the fall of 2012, of which 170 had graduated by summer 2015. BPCC did not meet the target goal of 14%.

However, when this data was reported to IPEDS, there were 375 students who were improperly coded in the Banner system. These students are enrolled in a bridge program and are attending BPCC. These students intend to transfer because they are seeking a Bachelor's Degree major that is not available at BPCC; therefore, they should not be counted in an Associate Degree seeking cohort. The college is working with IPEDS to revise the data in their reporting system to reflect these updates. With the corrected cohort, the graduation rate would have been 13.2% based on 163/1231 graduates. With this correction, BPCC would have had an increase in the rate of graduates in the current two years over the rate in the previous three years.

The College recognizes that the graduation rate - with its current definition - reveals a partial overview of BPCC's effectiveness. Many students attend intermittently as full-time or part-time students over a period of years while balancing family demands and job responsibilities. Their stories and the College's rate of success with these students are not captured in a first-time, full-time, degree-seeking frame of reference.

Measure 1.a.v. Optional N/A

Measure 1.a.vi. Award productivity

Bossier Parish Community College's Award Productivity Level for year six of the GRAD Act reporting was 0.190, meeting the target of 0.190. There were 5,858 FTE students, and the College awarded 1105 credentials.

Measures 1.a.vii, 1.a.viii, and 1.a. ix. N/A

Element b: Increase the percentage of program completers at all levels each year.

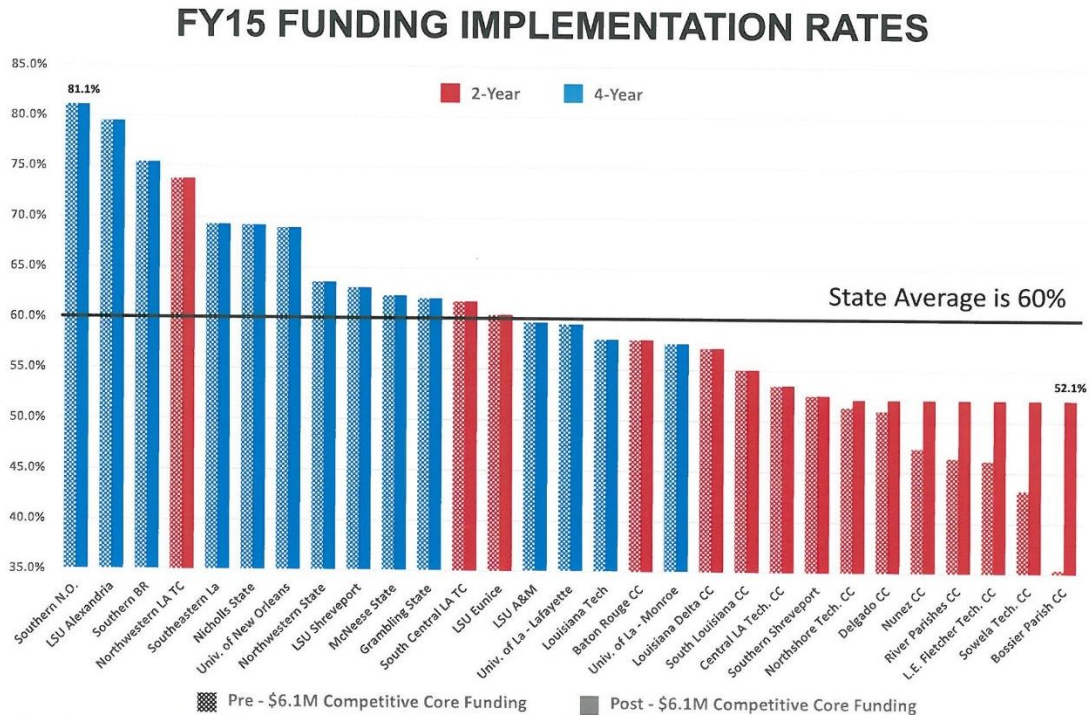
Measure 1.b.i: Percent change in program completers.

BPCC awarded 712 associate degrees for AY 2014-15, a number that is 56.1% higher than the baseline year (456). The college awarded 355 certificates for AY 2014-15, a number that is 303% higher than the baseline year (88). Also, the college awarded 35 technical diplomas which is an increase of 67.7% over the baseline year (21). This reflects BPCC's sustainment in long-standing degree programs and the addition of new programs during the last nine years.

Program Completers by Level

Level	2013-14	2014-15	% Change Year to Year	Baseline	% Change over Baseline
Certificate	367	355	-3.3%	88	303.0%
Diploma	38	35	-7.9%	21	67.7%
Associate	717	712	-0.7%	456	56.1%

Impacting BPCC's ability to successfully address retention and graduation rate improvements is the current funding formula of state support as reflected in the chart below:



Element c: Develop partnerships with high schools to prepare students for postsecondary education.

Measure i: Number of high school students enrolled.

Measures 1.c.i., 1.c.ii., 1.c.iii. : **Number of students enrolled, semester credit hours enrolled, and credit hours completed by each semester/term.** (See Data Summary for numbers)

Early Start (Dual Enrollment) at BPCC, and a program entitled Activating Inquisitive Minds (AIM-Act 33, 1997 Regular Session of the Louisiana Legislature) for students evaluated as gifted by the Bossier Parish School Board, who attend BPCC for dual credit, allow qualified high school students to enroll in

college classes prior to obtaining a high school diploma. In the spring semester, 2015, 639 area high school students enrolled at BPCC, an increase of 34 students over spring, 2014, or 5.6%.

Semester	# High School Students Enrolled	# Credit Hours in which High School Students Enroll	# Semester Credit Hours Completed by High School Students
Fall 2014	624	2,627	2,524
Spring 2015	639	2,802	2,731
Summer 2015	25	89	78

Element d: Increase passage rates on licensure and certification exams and workforce foundational skills.

Measure 1.d.i.a., 1.d.i.b., and 1.d.i.d. Passage rates on licensure/certification exams.

	# Taking Exam	# Certified/Licensed
Associate of Science in Teaching: 1-5	9	9
Paramedic	10	9
Nursing (ADRN)	91	83
Occupational Therapy Assist	18	18
Pharmacy Technician	23	18
Phlebotomy	28	23
Physical Therapist Assistant	20	20
Respiratory Therapist	12	12
Surgical Technology	10	6
Medical Assistant	9	5
Medical Office Specialist	14	5

Measure 1.d.ii. Number of students receiving certifications.
See Figure 1, appendix #2 to Attachment B of Industry-Based Certifications.

1.d.iii. Number of students assessed and earning WorkKeys certifications in each of award levels. Report highest level earned.

The Workforce Development Division of BPCC delivered 241 WorkKeys assessments between July 1, 2014, and June 30, 2015, to students applying for the Physical Therapy Assistant (PTA) program. Although the students are required to take Listening for Understanding, Locating Information, Reading for Information, and Workplace Observation, these assessments do not give students the opportunity to earn a readiness certificate which requires Applied Math in addition to Locating Information and Reading for Information. The Workforce Development Division also administered 10 readiness assessments with all 10 individuals earning certification.

1.d.iv. Other assessments and outcome measure to be determined.
See Figure 1, appendix #2 to Attachment B of Industry-Based Certifications.
Measures 1.d.v. and 1.d.vi. N/A

2. ARTICULATION AND TRANSFER: Performance Objective (2)

Element a: Phase in increased admission standards and other necessary policies by the end of the 2012 Fiscal Year in order to increase student retention and graduation rates.

Bossier Parish Community College admits students

- Who have a high school diploma from an accredited high school
- Present acceptable Graduate Equivalency Diploma scores
- Present acceptable scores on the Ability to Benefit Test
- Qualify for Early Start (dual enrollment)

Institution policies designed to increase retention and graduation rates:

BPCC entered the fifth year of a five-year federal Title III co-op grant (Building Bridges for Student Success) focused on student success for science, nursing, and allied health students at BPCC and Northwestern State University. Building Bridges for Student Success has afforded both institutions the opportunity for faculty and staff professional development, increased faculty collaboration, learner-centered resources, and student advising. Title III supported professional development events that were led by nationally-known student success authors, practitioners, and researchers. Upon their return to the campuses, these faculty and staff implemented new activities to further positively affect student experiences. Overall, 1,100 students were impacted through in-class student success workshops and orientations, advising sessions, and survey administrations. In addition, Title III impacted the College's Learning Center by funding tutor positions, learning resources' licenses, and Learning Center supplies. During the 2014-15 academic year, 73,668 student visits were made to the BPCC Learning Center.

Previously, BPCC adopted the following policies to increase student retention and graduation rates:

Policy Name	
Class Attendance	Mandates that attendance expectations be included in the Course Syllabus.
General Admission Requirements	Requires students without ACT/SAT scores to take placement tests to determine appropriate placement in English, math, and reading courses.
EDUC 099 College Success Skills	Requires course be taken by all first-time freshmen who place in two or more developmental course.

Measures 2.a.i.a, 2.a.i.b, 2.a.ii., 2.a.iii. N/A

Performance of entering transfer students admitted by exception (4-year universities)

Element b: Provide feedback to community colleges and technical college campuses on the performance of associate degree recipients enrolled at the institution.

Examples of new or strengthened feedback reports to the college(s):

Bilateral articulation agreements between BPCC and its four-year partners reflect collaboration beneficial to increasing the performance level of BPCC's transfer students. BPCC exchanges enrollment data with the following area four-year institutions to which BPCC students transfer: Louisiana State University Shreveport, Northwestern State University of Louisiana, University of Louisiana Monroe, Grambling State University, and Louisiana Tech University.

Bossier Parish Community College has a close working relationship with Northwestern State University (NSU) to foster the seamless transition of students from BPCC to Northwestern. All of Northwestern

State University's bachelor's degrees are paired with a BPCC associate degree, either a true 2+2 or upwards of 90% of coursework, apply to a Northwestern bachelor's degree. In the 2014-15 academic year, 263 Northwestern students were BPCC transfer students.

Most recently, BPCC has collaborated with Northwestern State University to develop a Reverse Transfer agreement which would allow transfer students enrolled at Northwestern State University to transfer credits back to BPCC for the purpose of attaining a degree, diploma, or certification. This is another opportunity for students to earn associate degrees at BPCC.

Measures 2.b.i. and 2.b.ii. N/A

Element c: Develop referral agreements with community colleges and technical college campuses to redirect students who fail to qualify for admission into the institution.

Measure 2.c.i. N/A

Measure 2.c.ii.

In August, 2005, BPCC established BPCC@NSU, a program in which students not meeting admissions requirements to NSU are referred to BPCC. Students take some developmental courses and the prescribed number of degree-applicable courses in order to be eligible to matriculate to NSU or another selective admissions institution in Louisiana. Since its inception, nearly 2,000 students have progressed through the program. In January, 2011, BPCC established BPCC@GSU, a referral process similar to BPCC@NSU, which offers freshmen-level courses on the Grambling State University (GSU) campus. One-hundred twenty-six students began BPCC courses in January, 2011. In the spring of 2013, BPCC began offering developmental mathematics and English at Louisiana Tech University, as a pilot toward a possible bridge program at some point. In the fall of 2013, BPCC began BPCC@LSU-S, and BPCC has continued this program.

Numbers of Students Enrolled in Bridge Programs

	F09	F10	F11	F12	F13	F14
BPCC@NSU	222	238	303	296	258	309
BPCC@GSU			300	140	407	437
BPCC@LSUS				6	54	130
BPCC@Tech						3
	222	238	603	442	719	879

- **Processes in place to identify and remedy student transfer issues**

Intensive student success services are extended to students who have expressed interest in transferring to a four-year institution. The Office of Recruiting hosts two College Transfer Days per academic year on which more than 20 colleges and universities visit the campus to provide individual academic advising services and answer students' questions. Institutions represented at College Transfer Days in 2014-2015 included East Texas Baptist University, Grambling State University, Louisiana College, Louisiana State University (LSU), LSU Alexandria, LSU Shreveport, LSU School of Allied Health Professions, Louisiana Tech University, Northwestern State University, including their College of Nursing & School of Allied Health, Southeastern Louisiana University, Southern University Baton Rouge, Arkansas State University, Centenary College, Dillard University, Grand Canyon University, Southern Arkansas University, Southern University at New Orleans, Texas A&M University – Texarkana, Texas College, University of New Orleans, Xavier University of Louisiana, University of Louisiana Monroe, University of Phoenix, and Wiley College.

Representatives from LSU Shreveport and Northwestern State University have dedicated office space on the BPCC campus because of the increasing numbers of students transferring to those campuses. Most

students at BPCC are enrolled in a degree or certificate program which includes classes that transfer to senior institutions. Although not specifically intended or designed as transfer programs, many BPCC students pursuing associate of applied science degrees transfer to senior institutions with individual BPCC courses applicable to bachelor's degrees.

Several bilateral 2+2 and articulation agreements have been formalized between Bossier Parish Community College and area four-year institutions. These collaborations ensure that students' credits transfer seamlessly and eliminate unnecessary duplication of coursework at the receiving university. BPCC maintains an informal dialogue and discussion with area four-year colleges and universities to exchange anecdotal information regarding common transfer students. Those conversations are designed to ease transfer of students between institutions and to garner information on the preparation of BPCC students for entry into senior institutions.

BPCC makes every effort to assist the military with their transition process and grant credit for specific military certifications to help service members complete their education goals. BPCC offers out of state tuition waivers to all military ID holders and DD214 holders. The College also waives the standard student fees that Active Duty Tuition Assistance does not pay. BPCC has a Military Student Organization on campus and accepts the MyCAA grant for military spouses and the Louisiana State Title 29 Tuition Exemption for dependents of disabled veterans.

See Appendix, Figure 2, Articulation Agreements in Place, for a list of the formal bilateral transfer degree programs BPCC has with area senior institutions.

Element d: Demonstrate collaboration in implementing articulation and transfer requirements provided in R.S. 17:3161 through 3169.

Measure i: Number of students enrolled in a transfer degree program

Bossier Parish Community College had 444 students enrolled in transfer degree programs, AALT, ASLT, or AST, at any time during the reporting year (fall and/or spring semesters).

	2014-2015
AALT	125
ASLT	73
AST	246
Total Transfer Enrollment	444

Measure ii: Number of students completing a transfer degree

Bossier Parish Community College has 18 students completing a transfer degree, AALT, ASLT, or AST, at any time during the most recent reporting year.

	2014-2015
AALT	8
ASLT	2
AST	8
Total Transfer Completers	18

Examples of collaboration in implementing all aspects of the transfer degree programs, Louisiana Transfer Associate Degree (AALT, ASLT) and Associate of Science in Teaching (AST) programs

Processes in place to remedy any articulation and transfer issues as they relate to the AALT, ASLT, or AST degrees. A concentrated effort is made by BPCC science, nursing, and allied health (SNAH) faculty to ensure that all students have access to academic degree programs that fit their capabilities. For example, if a student declares Nursing as the discipline of interest but does not demonstrate academic aptitude to succeed in that program, the SNAH faculty make a concentrated effort to guide that student to completion of the Associate of Science degree in General Science. This option increases the likelihood of successful transfer and can lead them to a range of other careers in the healthcare field.

Measures 2.d.iii, and 2.d.iv. N/A

3. WORKFORCE AND ECONOMIC DEVELOPMENT: Performance Objective (3)

Element a: Eliminate academic programs offerings that have low completion rates.

Measure 3.a.i: Number of programs eliminated

During the 2014-15 academic year, BPCC did not delete any associate degrees, technical diplomas, or certificates of technical studies.

Measure 3.a.ii: Number of programs modified or added

The following programs were added at BPCC during the 2014-15 academic year:

- Certificate of Technical Studies in Health Information Technology (CIP 51.0707)
- Technical Competency Area in Advanced Welding (CIP 48.0508)

The following program was modified at BPCC during the 2014-15 academic year:

- Re-designation of Certificate of Technical Studies in Digital Media to Digital Gaming (CIP 11.9999)

Measure 3.a.iii: Percent of programs aligned with workforce and economic development needs

BPCC graduated students in the following areas addressing labor market demands for AY 2014-15. Forty-four out of 47 BPCC programs (93.6%) are aligned with workforce demand, as identified by the High Demand Occupations list on the website of the Louisiana Workforce Commission[1].

	Number of Programs	Number Aligned w/Workforce Demand	%
Associate Degrees	24	21	87.5%
Diplomas	3	3	100%
Certificates	20	20	100%
TOTALS	47	44	93.6%

A complete list of BPCC Completers and Alignment to LA Workforce Demand is in Appendix Figure 3.

BPCC's *Program Review Policy*: Bossier Parish Community College reviews all of its academic associate degrees and certificates every three years, unless an accrediting agency mandates an annual review. The College seeks continuous feedback from the local/regional business and industry employer advisory committees in place for each academic program area. The committees regularly communicate to the College where the jobs are, how graduates are performing in the workplace, and when state and federal mandates might impact existing curriculum. The business and industry partners contribute facilities for internships and sometimes donate money and/or equipment to enhance labs at the College. Their recommendations, plus traditional labor market for demand occupations, are used to make revisions to the curriculum, to the practical field experiences the students enjoy, and to the ways the divisions help students gain employment after graduation.

BPCC's Workforce Development and Continuing Education identifies programs that are aligned with current or strategic workforce needs and initiates innovative training programs and course offerings, responding to local and regional industry demands, employer requests, and student feedback. The

[1] Louisiana Workforce Commission. Retrieved from http://lwc.laworks.net/sites/LMI/Pages/IndustryProjections.aspx

Workforce Division actively participates in the Louisiana Workforce Commission (LWC) Incumbent Worker Training Program (IWTP). The College continues to receive and manage multiple training grants that benefit employers and workers across Louisiana. BPCC maintains flexibility toward the training needs of the community and seeks additional workforce solutions that extend beyond the traditional processes with the LWC, which have potential to limit participation by some area businesses. The College, as a whole, remains committed to aligning itself with the training needs of all employers and occupations in the region.

Element b: Increase use of technology for distance learning to expand educational offerings.

Measures i, ii, iii: (See Data Summary for numbers)

Bossier Parish Community College has incorporated technology into the delivery of its educational programs by offering e-learning opportunities to students; the College

- Offers eight associate degree programs 100% online; zero diplomas 100% online; and zero certificates 100% online.
- Incorporates the Canvas Learning Management System (LMS) into approximately 95% of its face-to-face course offerings.
- Utilizes software products such as SoftChalk and Camtasia Studio to create rich media for online/hybrid and web-enhanced courses.
- Utilizes Canvas conferencing available through the College's Learning Management System.
- Utilizes online orientation for students taking internet courses: In AY 2014-2015 approximately 1,435 participated in online orientation.
- Delivers Respiratory Therapy courses via compressed video to the Ouachita Parish area (W. Monroe, LA).
- Delivers Paramedic (EMS) courses via compressed video to the Desoto Parish area (Stonewall, LA).
- In AY 2014-2015, offered approximately 21 professional development training sessions for BPCC faculty either teaching online classes or using some form of electronic enhancement for face-to-face class delivery.
- The College has the following eight online programs: Associate of Applied Science in Computer Information Systems; Associate of Applied Science in Cyber Technology; Certificate of General Studies; Associate of General Studies; Associate of Applied Science in Criminal Justice; Associate of Science in Health Care Management; Associate of Applied Science in Business Administration; and Certificate of Technical Studies in Business Entrepreneurship

Year	Distance Education Courses taught at 50%	Distance Education Courses taught at 100%	Number of students enrolled in Courses taught at 50%	Number of students enrolled in Courses taught at 100%
10 - 11	60	523	857	6,605
11 - 12	111	570	1,384	7,686
12 - 13	116	708	1,523	5,257
13 - 14	158	611	2,248	13,242
14 - 15	117	637	1,902	14,096

The Technology Resource Center and Library were renovated and updated to continue to enhance instruction and service. The following renovations were made in summer 2015:

- Offered a multi-purpose classroom with 30 computers, printers, and projector system which allows orientation classes to be conducted in the Library
- Maximized the number of computers for student use (approximately 200) and expanded available locations of computers throughout both floors of the Library
- Implemented document delivery systems to include copying, scanning, and printing as well as increased the speed, capacity, and privacy
- Created study and reading areas that are more versatile and comfortable which accommodate individual study as well as collaborative group study
- Included a quiet zone area with additional study carrels on second floor

The Technology Resource Center (TRC) delivers technology services to students featuring 31 software programs. The TRC records the following student visits during Academic Year 2014-15:

	Technology Resource Center	Library	Writing Support Services
Summer 2014	4,772	6,787	57
Fall 2014	25,783	43,864	529
Spring 2015	20,144	35,809	90

Element c: N/A

Element d: To the extent that information can be obtained, demonstrate progress in increasing the number of students placed in jobs and in increasing the performance of associate degree recipients who transfer to institutions that offer academic undergraduate degrees at the baccalaureate level or higher.

Measure 3.d.i. Percent of completers found employed

In 2014, Bossier Parish Community College awarded 1,102 academic credentials as reflected in Attachment D (35 Technical Diplomas, 355 Certificates, and 712 Associate Degrees). The chart below indicates the number of completers found employed in the Louisiana UI Wage System as reported in the recent Employment Outcomes Report by credential level.

	Number of Completers	Percent Employed
Certificate	355	63.7%
Diploma	35	68.5%
Associate	712	71.8%

Measure 3.d.ii. Increasing performance of associate degree recipients who transfer.

(See 2.b. and 2.d.)
Many BPCC students transfer, either prior to or after degree completion at BPCC. Anecdotal feedback from senior institutions indicates that BPCC students perform as well as or better than native students at senior institutions in the students' third and fourth years.

Measure 3.d.iii. Placement rate of graduates.

Multiple federal grants from the USDOL/TAACCCT program awarded to BPCC in the past three years have necessitated improved data collection on student job placement for grant participants. The successful

practices of hosting Résumé Café's, mock interviews, on-campus round robin employer interviews, and conducting intensive follow-up have yielded better understanding of graduates' performance in the workplace after they leave the campus. It has also resulted in high levels of employer engagement and placement rates nearing 45%. It is expected that other divisions not involved in the USDOL/TAACCCT grant initiatives will scale these promising practices to their areas in coming academic years.

The academic divisions assume the responsibility for coordinating with employers on their advisory board, maintaining a database of their graduates, and sharing job posting with their graduates. Several programs have internships which often lead to job placement for graduates. In the Technology, Engineering, and Math Division, an especially intensive job placement procedure has been piloted with USDOL/TAAACCCT funds. This has yielded much higher rates of placement and more effective tracking of wages earned after placement. Due to the close relationship with industry partners, employers have agreed to provide employer verification of wage data for each grant participant placed with their companies. The faculty and staff involved in that process report the higher rates are the result of close working relationships with the employers in multiple aspects including curriculum development, identification of desired industry-based certification, internship development, résumé preparation, and mock and actual job interviews.

Job placement for the allied health programs is very high. In 2014-15, 100% of the graduates in Nursing, Occupational Therapy Assistant, and Physical Therapist Assistant were placed into jobs. As part of the requirements for specialized accreditation of allied health programs, the Division of Science, Nursing, and Allied Health conducts follow up surveys and telephone calls, if necessary, with their graduates to determine whether they are employed in their field and, if so, by whom. They request feedback from the employers to determine their satisfaction with the academic preparation of the students, and, when appropriate, make adjustments to the curriculum based on that feedback.

During Academic Year 2014-2015, BPCC's Workforce Development and Continuing Education Division was awarded seven Incumbent Worker Training Program (IWTP) grants that totaled $297,386 to enhance the skills of 417 Louisiana workers.

BPCC's Career Services Office provides career development resources on its website and an online job posting service for employers. The CSO also maintains a web-based software solution called CareerCavs Job Link on the Career Services webpage, which allows students to upload their resume and search for jobs. Bulletin boards of job postings are available in Building F, the Student Services Center.

Measure 3.d.iv. N/A

4. INSTITUTIONAL EFFICIENCY AND ACCOUNTABILITY: <u>Performance Objective (4)</u>

Elements 4.a. and 4.b. N/A

Element c: Adhere to a schedule established by the institution's management board to increase nonresident tuition amounts….and monitor the impact of such increases on institution.

Measure 4.c.i. Total tuition and fees charged to non-resident students:

The GRAD Act allows for tuition and fee increases for non-resident students up to 10% annually until reaching the average tuition and mandatory fee amounts of SREB peers. Bossier Parish Community College will raise the tuition and mandatory fee amount annually by 10% until such time as we reach the SREB peer average tuition and mandatory *fee* cap[2].

	2012-2013	2013-2014	2014-2015
Non-resident tuition/fee amount	$6,841	$6,841	$7,519
Peer non-resident tuition/fee amounts	$8,272	$8,446	$8,614
Calculated % difference from peer amounts	21%	23%	15%

In 2014, the LCTCS Board of Supervisors approved a plan for resident and non-resident tuition increases for BPCC in accordance with the provisions of Act 741.

Element d: Designate centers of excellence as defined by the Board of Regents which have received a favorable academic assessment from the Board of Regents and have demonstrated substantial progress toward meeting the following goals:

1. ***Offering a specialized program that involves partnerships between the institution and business and industry, national laboratories, research centers, and other institutions.***
2. ***Aligning with current and strategic statewide and regional workforce needs as identified by the Louisiana Workforce Commission and Louisiana Economic Development.***
3. ***Having a high percentage of graduates or completers each year as compared to the state average percentage of graduates and that of the institution's peers.***
4. ***Having a high number of graduates or completers who enter productive careers or continue their education in advanced degree programs, whether at the same or other institution.***
5. ***Having a high level of research productivity and technology transfer.***

Bossier Parish Community College takes pride in the programs with specialized accreditation. These programs are successful and provide students the opportunity to enter the workforce or to transfer to a four-year institution, depending on the program. The programs with accreditation through the Association of Technology, Management, and Applied Engineering (ATMAE) include the following programs: Associate of Applied Science in Computer Information Systems; Associate of Applied Science in Construction Technology and Management; Associate of Applied Science in Cyber Technology (Network Security concentration and Programmer Analyst concentration); Associate of Applied Science in Industrial Technology (Automation and Controls concentration and Engineering Graphics concentration); and Associate of Applied Science in Oil and Gas Production Technology. Other programs with specialized accreditation include the following programs: Certificate of Technical Studies in Culinary Arts; Associate of Applied Science in Paramedic; Associate of Science in Nursing; Associate of Applied Science in Occupational Therapy Assistant; Associate of Applied Science in Pharmacy Technician and Certificate of Applied Science in Pharmacy Technician; Associate of Applied Science in Physical Therapist Assistant; Associate of Applied Science in Respiratory Therapy; Certificate of

[2] SREB Data Exchange (2014). Table 136 Median Tuition & Fees. http://www.sreb.org/page/1357/data_library_higher_ed_tuition__fees.html

Technical Studies in Phlebotomy; Technical Diploma in Surgical Technology; and Technical Diploma in Medical Assistant.

Measure i: Percent of eligible programs with either mandatory or recommended status that are currently discipline accredited.

(a) Bossier Parish Community College has 19 programs that are listed as eligible for accreditation by Board of Regents Policy. The BOR CRINACCR Report reflects that 17 of those programs (89.5%) are accredited.[3] The report also reflects that 16 of 16 (100%) of programs carrying mandatory accreditation are accredited.

[3] Board of Regents (2014). CRINACCR. Retrieved February 6, 2014 from http://as400.regents.state.la.us/pdfs/crin/crinaccr.pdf

5. REPORTING REQUIREMENTS: <u>Performance Objective (5)</u>

Element a: Number of students by classification

Bossier Parish Community College has a fall headcount, Undergraduate enrollment of 7,039, and no Graduate Students. The Budgeted FTE for Undergraduates is 5,056.

Element b: Number of instructional staff members

Bossier Parish Community College employed 340 instructional staff members in the academic year 2014-15, with an FTE of 170.4.

Element c: Average class student-to-instructor ratio

The average BPCC class student-to-instructor ratio is 21496/1129 = 19.0

Element d: Average number of students per instructor

The average number of BPCC students per instructor AY 2014-2015 is 28.9.

Element e: Number of non-instructional staff members in academic colleges and departments.

The number of non-instructional staff is 10 = 10 FTE.

Reported By Academic Department:

Associate Vice Chancellor for Innovative Learning and Workforce Development – one staff, which is one FTE
Associate Vice Chancellor of Planning and Instruction - one staff, which is one FTE
Dean of Science, Nursing, and Allied Health - one staff, which is one FTE
Dean of Communication and Performing Arts - one staff, which is one FTE
Dean of Business and Career Services - one staff, which is one FTE
Dean of Educational Technology - one staff, which is one FTE
Dean of Technology, Engineering, and Mathematics - one staff, which is one FTE
Dean of Behavioral and Social Sciences - one staff, which is one FTE
Dean of Liberal Arts - one staff, which is one FTE
Vice Chancellor for Academic Affairs - one staff, which is one FTE

Element f: Number of staff in administrative areas.

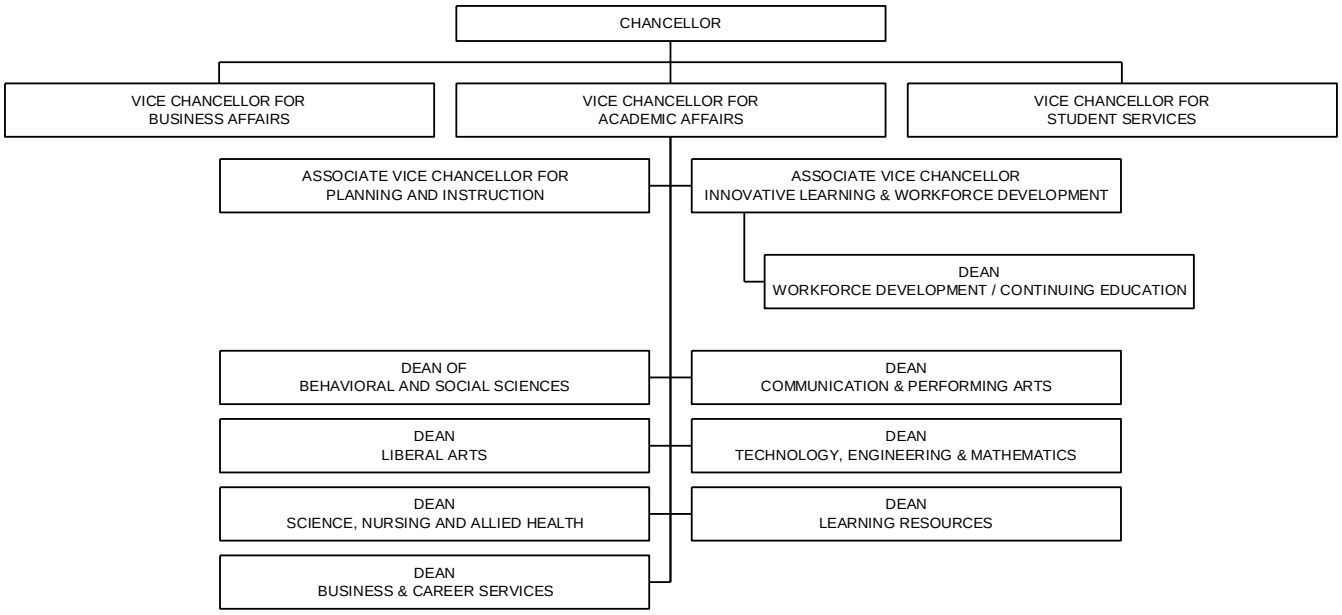
The number of staff in administrative areas at fourteen, and this is an FTE of 14.

Reported By Department:

Associate Vice Chancellor of Finance - one staff, which is one FTE
Chancellor – one staff, which is one FTE
Chief Information Officer - one staff, which is one FTE
Compliance Officer - one staff, which is one FTE
Dean of Enrollment Management - one staff, which is one FTE
Dean of Learning Resources/Library - one staff, which is one FTE
Dean of Workforce Development and Continuing Education - one staff, which is one FTE
Director of Public Relations - one staff, which is one FTE
Director of Alumni and Development - one staff, which is one FTE
Director of Student Success Initiatives/Title III - one staff, which is one FTE
Director of Institutional Effectiveness Initiatives - one staff, which is one FTE
Executive Assistant to the Chancellor - one staff, which is one FTE
Vice Chancellor of Student Services - one staff, which is one FTE
Vice Chancellor for Finance and Administration - one staff, which is one FTE

Element g: Organizational Chart containing all departments and personnel in the institution down to the second level of the organization below the president, chancellor, or equivalent position.

BOSSIER PARISH COMMUNITY COLLEGE ORGANIZATIONAL CHART



Element h: Salaries of all personnel identified in (g) and the date, amount, and type of all increases in salary received since June 30, 2008.

TOTAL BASE SALARY Reported for Fall 2009 EMPSAL	SALARY CHANGES since 6/30/2009 Reported for Fall 2010 EMPSAL	SALARY CHANGES since 6/30/2010 Reported for Fall 2011 EMPSAL	SALARY CHANGES since 6/30/2011 Reported for Fall 2012 EMPSAL	SALARY CHANGES since 6/30/2012 Reported for Fall 2013 EMPSAL	SALARY CHANGES since 6/30/2013 Reported for Fall 2014 EMPSAL	SALARY CHANGES since 6/30/2014 Reported for Fall 2015 EMPSAL
Chancellor $167,000	$0	$0	$177,000 received a Ph. D.	$0	$0	$0
Vice Chancellor for Student Services $102,514	$0	$0	$107,640 *	$0	$116,690 Additional Duties: Managing the BPCC@ programs	$0
Vice Chancellor for Business Affairs $121,874	$0	$0	$127,968 *	$0	$0	$0
Vice Chancellor for Academic Affairs $111,132	$0	$0	$116,689 *	$0	$0	$0
Associate Vice Chancellor for Planning and Instruction $82,526	$0	$$92,700 Promotion effective 6/3/11 New Program	$97,335 *	$0	$0	$0
Associate Vice Chancellor for Innovative Learning and Workforce Development $73,271	$83,271 Additional duties effective 12/1/09 New Program	$0	$97,335 Promotion effective 9/24/12 New Position	$0	$0	$0
Dean Workforce Development and Continuing Education $73,227	$83,277 Additional duties effective 11/30/09	$0	$87,388 *	$0	$0	$0
Dean Behavioral and Social Science $55,000	$0	$0	$60,250 Additional duties : CALL program, effective 2/13/12	$67,750 Additional duties : College Transition Programs 7/1/13	$0	$0

Dean Liberal Arts $55,000	$0	$0	$57,750 *	$0	$62,750 Additional Duties: SACS and Writing Lab Management	$0
Dean Science, Nursing, and Allied Health $78,318	$0	$89,000 Additional duties effective 3/10/11 Several academic divisions merged	$93,450 *	$0	$0	$0
Dean Business and Career Services $46,267	$65,000 Additional duties effective 7/19/10 Several academic divisions merged	$0	$75,449 *	$0	$0	$0
Dean Communication and Performing Arts $80,164	$0	$0	$74,250 (Previous dean retired 9/30/11; new dean hired at lower rate)	$0	$0	$0
Dean Technology, Engineering, and Mathematics $60,000	$0	$89,000 Additional duties effective 7/1/10 and 2/28/11 Several academic divisions merged	$93,450 *	$0	$87,000 New person in this position	$0
Dean Learning Resources $73,550	$78,350 Additional duties effective 12/1/09 New program	$0	$80,000 *	$0	$0	$0

* Employees received a merit raise on 2/13/12

Cost performance analysis:

5.i. Total operating budget by function, amount, and percent of total

Expenditures by Function:		Amount	% of Total
Instruction	$	17,706,891	53.00%
Research	$		0.00%
Public Service	$	280,677	1.00%
Academic Support	$	1,968,434	6.00
Student Services	$	2,074,222	6.00%
Institutional Services	$	4,957,618	14.00%
Scholarships/Fellowships	$	2,325,085	7.00%
Plant Operations/Maintenance	$	2,626,606	8.00%
Total E&G Expenditures	$	31,939,533	95.00%
Hospital	$		0.00%
Transfers out of agency	$	870,898	3.00%
Athletics	$	750,450	2.00%
Other	$		0.00%
Total Expenditures	$	33,560,881	100.00%

5.ii. Average yearly cost of attendance for the reporting year as reported to the United States Department of Education = $17,360

5.iii. Average time to degree for completion of academic programs = 4 years

5.iv. Average cost per degree awarded in most recent academic year = $1,853

5.v. Average cost per non-completer in the most recent academic year = $1,853

5.vi. All expenditures of institution for most recent academic year = $105,264,650

STUDENT SUCCESS APPENDICES

Figure 1. Appendix #2

Reporting Template for GRAD Act Elements 1.d.i. and 1.d.ii.

4-year Universities and 2-year Colleges

Institution: Bossier Parish Community College

Discipline	Exam Required to Obtain Employment	Entity Granting Licensure or Certification	Baseline Year	# Taking Exam	# Passing Exam	Calculated Passage Rate
Emergency Medical Technician (all 3 levels)	NREMT practical & written exam	National Registry of Emergency Medical Technicians (NREMT)	2010-2011 7/10=70%	10	9	90%
Nursing (RN)	NCLEX-RN	Louisiana State Board of Nursing	2010-2011 18/18=100%	91	83	91%
Occupational Therapy Assisting	National Board for Certification of Occupational Therapy (NBCOT) Exam	Louisiana State Board of Medical Examiners	2010-2011 12/14= 86%	18	18	100%
Pharmacy Technician	Pharmacy Technician Certification Board (PTCB) Exam	Louisiana Board of Pharmacy	2010-2011 23/23=100%	23	18	78%
Physical Therapy Assistant	National Physical Therapy Exam (NPTE)	Louisiana Physical Therapy Board (LPTB)	2010-2011 19/20=95%	20	20	100%
Respiratory Therapy	National Board for Respiratory Care (NBRC) CRT- Exam	Louisiana State Board of Medical Examiners (LSBME)	2010-2011 19/19=100%	12	12	100%
Surgical Technology	National Certifying Examination for Surgical Technologists	National Board of Surgical Tech & Surgical Asst. (NBSTSA)	2011-12 first year students were required to take CST	10	6	60%

Appendix #2 to Attachment B

Reporting Template for GRAD Act Elements 1.d.i. and 1.d.ii.

2-year Colleges and Technical Colleges

Institution: Bossier Parish Community College

Industry-Based Certifications	**Exam Required for Certification**	**Entity Requiring Certification (Source for Reporting)**	**Year**	**# Students receiving certifications**
A+	A+ Certification Exam	CompTia	2014- 2015	8
Adobe Certification	Adobe Certified Expert	Adobe	2014- 2015	0
C4M	C4M Course Completion	Louisiana Economic Development	2014-2015	73
Certified Medical Assistant (AAMA)	CMA American Association of Medical Assistants (AAMA)	National Health Career Assn.	2014- 2015	5
CIW Java Script Specialist	Java Script Specialist	CIW	2014-2015	0
Certified Production Technician	CPT – Quality, Safety, Maintenance Awareness, Manufacturing Processes	MSSC – Manufacturing Skill Standards Council	2014-2015	100
Certified Professional Coder	Certified Professional Coder (CPT)	American Academy of Professional Coders	2014- 2015	5
CIW Web Design Specialist	Web Design Specialist	CIW	2014-2015	0
Computer Hacking Forensic Investigator	Comp. Hacking Forensic Invest.	EC-Council	2014-2015	0
Culinary -- 120503	SERVSAFE	American Culinary Federation	2014-2015	27
EMT Basic	NREMT-B	State Database	2014-2015	37
EMT Paramedic	NREMT-P	State Database	2014-2015	9
ICND 1	ICND	Cisco	2014-2015	0
ICND 2 or CCNA	CCNA Certification	Cisco	2014-2015	0
Internet and Computing all areas (COMPTIA, CISCO, IC3)	Network +, A+, iNet+, A+ COMPTIA (multiple)	Pearson VUE/Prometric	2014-2015	54
Linux+	Linux + Certification	CompTia	2014-2015	0
MCITP: Enterprise Administrator on Windows Server 2008	MCITP	Prometric	2014-2015	0

Microsoft Office Access 2010	Microsoft Access	Microsoft	2014-2015	0
Microsoft Office Excel 2010	Microsoft Excel	Microsoft	2014-2015	0
Microsoft Office Power Point 2010	Microsoft Power Point	Microsoft	2014-2015	0
Microsoft Office User Specialist (MOUS)	MOUS	Certiport	2013-2014	0
Microsoft Office Word 2010	Microsoft Word	Microsoft	2013-2014	0
Microsoft Server 2010	Microsoft Server	Microsoft	2013-2014	0
Microsoft SQL Server	Microsoft SQL	Microsoft	2013-2014	0
Microsoft Windows 7 Configuration	Microsoft Windows	Microsoft	2013-2014	0
National Restaurant Association	Servsafe	National Restaurant Association	2013-2014	113
NCCER - all areas (National Center for Construction Education and Research)	NCCER	NCCER	2013-2014	10
Network +	Network + Certification	CompTia	2013-2014	5
Notary Public	Notary Public	Secretary of State	2013-2014	4
Nursing-CNA	LABENFA	Louisiana Nurse Aide Registry in BR- Department of Health and Hospitals	2013-2014	19
OSHA 30 Hr. Construction Safety	OSHA	Occupational Safety and Health Administration	2013-2014	23
OSHA 40 Hr. Hazwoper	OSHA	Occupational Safety and Health Administration	2013-2014	12
Phlebotomy – ASCP	American Society for Clinical Pathology (ASCP)	Board of Certification	2013-2014	23
Private Investigator	Private Investigator Exam	LSBPIE	2013-2014	0
Project +	Project + Certification	CompTia	2013-2014	0
Real Estate	Salesperson	Louisiana Real Estate Commission	2013-2014	6
SCJA Java	SCJA Certification	Sun Microsystems	2013-2014	0
Security +	Security + Certification	CompTia	2013-2014	4
Siemens Level 1	Siemens Level 1 exam	Siemens International	2014-2015	6

ARTICULATION AND TRANSFER APPENDICES

Figure 2. Articulation Agreements in Place

Area of Articulation	Most Recent Update
BPCC AA in General Studies to LSUS Bachelor in General Studies	2006
BPCC AST {Grades 1-5} to all four-year Colleges of Education	2007
BPCC AAS in Criminal Justice to NSU-Bachelor of Criminal Justice **2+2**	2008
BPCC AAS EMT: Paramedic to NSU-Bachelor of Unified Public Safety Administration concentration **2+2**	2008
BPCC AAS in Telecom. (with a concentration in Film Studies) to LSUS Bachelor in Mass Communications (with a concentration in Film Studies)	2008
BPCC AAS in Telecommunications to LSU-S Bachelor in Mass Communications	2008
BPCC AGS to LSUS Bachelor in Business Administration; BPCC AAS in Business Administration to LSUS Bachelor in Business Administration **2+2**	2008
BPCC AAS in Telecommunications to Grambling Bachelor in Film Studies **2+2**	2008
BPCC AAS in Business Administration to NSU Bachelor in Business Administration **2+2**	2009
BPCC AAS in Telecommunications to NSU Bachelor in Journalism **2+2**	2009
BPCC AA in Music to NSU Bachelor in Music	2009
BPCC AA in Theatre to NSU Bachelor in Theatre	2009
BPCC AGS (Art Concentration) to NSU Bachelor in Fine Arts	2009
BPCC AAS in Healthcare Management to ULM Bachelor of Science in Health Studies (Healthcare Management--Marketing Option) **2+2**	2010
AALT and ASLT to all four-year colleges	2010
BPCC AAS degrees in BADM, CIS, & CIT to University of Maryland University College	2010
BPCC AALT Social Sciences Track to NSU Bachelor of Social work **2+2**	2010
BPCC AS in Engineering to Louisiana Tech BS in Engineering **2+2**	2010
BPCC AAS Industrial Technology to NSU Bachelor of Science in EET or IET **2+2**	2011
BPCC AAS in Cyber Information Technology. (Computer Information Systems, Info. Network Security Specialist, Info. Network Specialist, Info. Programmer-Analyst, Info. Systems Administration Specialist, Web Analyst Programmer) to LSU-S Bachelor of Science in Computer Information Systems **2+2**	2011
BPCC / NSU Reverse Associate Degree Agreement	2011
BPCC AAS Industrial Technology with Concentrations in Automation and Controls to NSU Bachelor in Electronics Engineering Technology (Upper Division) **2+2**	2011
BPCC AAS Industrial Technology with Concentration in Engineering Graphics Technology to NSU Bachelor in Industrial Engineering Technology (Upper Division Graphics) **2+2**	2011

BPCC AAS in Telecommunications to NSU Bachelor in Communication in the College of Liberal Arts. **2+2**	2011
BPCC ***Courses*** to NSU Bachelor in Liberal Arts with Concentration in Entertainment Technology	2011
BPCC AGS with Concentration in Psychology/Sociology to NSU BAC. In Psychology and Addiction Studies **2+2**	2011
BPCC CDYC ***Courses*** to NSU Bachelor For Department of Family and Consumer Sciences in the area of Child Early Development	2011
BPCC AAS ***Courses*** and AS in Business Administration to NSU Bachelor In Business Administration	2011
BPCC AGS in NSU BGS	2012
BPCC AS in General Science to NSU BS in Radiologic Science	2012
BPCC AA in Performing Arts to NSU BS in Theatre and Bachelor of Music	2012
BPCC AS in General Science to NSU BS in Health and Physical Ed. K-12	2012
BPCC AS in General Science to NSU BS in Health and Exercise Science	2012
BPCC AAS in Computer Information Sys. to NSU BS in Computer Information Sys.	2012
BPCC AAS in Medical Assistant to NSU BAS in Allied Health	2012
BPCC AAS in Physical Therapy Assistant to NSU BAS in Allied Health	2012
BPCC AAS in Pharmacy Technician to NSU BAS in Allied Health	2012
BPCC AAS in Paramedic to NSU BAS in Allied Health	2012
BPCC AAS in Occupational Therapy Asst. to NSU BAS in Allied Health	2012
BPCC AAS in Respiratory Therapy to NSU BAS in Allied Health	2012
BPCC AD in Nursing to NSU BS in Nursing	2012
BPCC AD in Occupational Therapist Assistant to ULM BS in Health Studies	2013
BPCC AS in Engineering to ULL BS in Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Mechanical Engineering, or Petroleum Engineering	2014
BPCC AAS in Information Programmer Analyst to LSUS BS in Computer Information Systems	2014
BPCC AS in Engineering to LSU-Baton Rouge BS in Biological Engineering, Chemical Engineering, Civil Engineering, Environmental Engineering, Electrical Engineering, Mechanical Engineering, Industrial Engineering, or Petroleum Engineering	2015
BPCC C4M Certification to NSU BS in Engineering Technology	2015

WORKFORCE AND ECONOMIC DEVELOPMENT APPENDICES

Figure 3. Alignment of BPCC Completers with Louisiana Workforce Demand, 2014-15

LWC Demand Occupations	SOC Code	BPCC Programs	# BPCC Completers
Health Professions and Related Programs Degrees/Certificates			
Medical Records and Health Information Technicians	29-2071	AS Healthcare Management	17
		TD Medical Office Specialist	18
Medical Assistants	31-9092	AAS Medical Assistant	9
		TD Medical Assistant	7
Pharmacy Technicians	29-2052	CTS Pharmacy Technician	23
		AAS Pharmacy Technician	16
Physical Therapist Assistants	31-2021	AAS Physical Therapy Assistant	15
Physical Therapist Aides	31-2022		
Emergency Medical Technicians and Paramedics	29-2041	Emergency Medical Technician Basic	0
		CTS Emergency Medical Technician Paramedic	23
		AAS Paramedic	9
		TCA Medical Unit Coordinator	30
Respiratory Therapy Technicians	29-2054	AAS Respiratory Therapy	18
Surgical Technologists	29-2055	TD Surgical Technology	10
Medical and Clinical Laboratory Technicians	29-2012	CTS Phlebotomy	29
		TCA Laboratory Assistant	4
Cardiovascular Technologists and Technicians	29-2031	TCA ECG Telemetry	16
Veterinary, Technologists, and Technicians	29-2056	AS General Science	70
Diagnostic Medical Sonographers	29-2032		
Registered Nurses	29-1111	AS Nursing	59
Personal And Home Care Aides	39-9021	Certified Nursing Assistant	0
Occupational Therapists	29-1122	AAS Occupational Therapy Assistant	18
		SUBTOTAL	**391**

Business Management, Marketing, and Related Support Services/Certificates			
Customer Service Representative	43-4051	TCA Basic Management	61
General and Operations Managers	11-1021		
Administrative Services Managers	11-3011		
First-Line Supervisors/Managers of Office and Administrative	43-6014	AAS Business Administration	95
		TCA Business Communications	11
		CTS Retail Management	6
Word Processes and Typists	43-9022	TCA Drafting and Design	1
Bill and Account Collectors	43-3011	TCA Accounting	3
		CTS Accounting	10
Procurement Clerks	43-3061	TCA Bookkeeping	6
Loan Interviews and Clerks	43-4131		
New Account Clerks	43-4141		
Insurance Claims and Policy Processing Clerks	43-9041		
Credit Authorizers, Checkers, and Clerks	43-4041		
Human Resources Assistants, Except Payroll and Timekeeping	43-4161		
		SUBTOTAL	**193**
Engineering Technologies and Engineering-related fields Degrees/Certificates			
Construction Managers	11-9021	AAS Construction and Technology Management	4
Electrical and Electronic Engineering Technicians	17-3023	AAS Industrial Control Systems	30
Industrial Engineering Technicians	17-3026		
Service Unit Operators	47-5013		
Environmental Science and Protection Technicians, Including Health	19-4091		
Petroleum Pump System Operators, Refinery Operators, and Gaugers	51-8093	AAS Oil and Gas Production Technology	34
Geological and Petroleum Technicians	19-4041		
Mechanical Drafters	17-3013	CTS Computer Aided Drafting	0

Civil Engineering Technicians	17-3022	AS Engineering	9
		SUBTOTAL	**77**
Liberal Arts and Sciences, General Studies, and Humanities			
Court, Municipal, and License Clerks	43-4031	CGS General Studies	164
Writers and Authors	27-3043		
Editors	27-3041		
Market Research Analysts	19-3021	AGS General Studies	128
Budget Analysts	13-2031		
Employment, Recruitment, Placement Specialists	13-1071		
Training and Development Specialists	13-1073		
Library Technicians	25-4031		
		SUBTOTAL	**292**
Personal and Culinary Services			
Food Preparation Workers	35-2021	CTS Culinary Arts	30
Cooks, Restaurant	35-2014		
Cooks, Fast Food	35-2011		
Cooks, Institution and Cafeteria	35-2012		
Dining Room	35-9011		
Cooks, Short Order	35-2015		
Food Service Managers	Nov-51		
Bakers	51-3011		
Chefs and Head Cooks	35-1011		
		SUBTOTAL	**30**
Computer and Information Sciences/Human Sciences Degrees/Certificates			
Computer Systems Analysts	15-1051	AAS Cyber Information Technology-Network Security	16
Network Systems and Data Communications Analysts	15-1081		
Computer Programmers	15-1021	AAS Computer Information Systems	17
		AAS Cyber Information Technology-Programming	1
Network and Computer Systems Administrators	15-1071	AAS Cyber Information Technology-Network Security	6
Database Administrators	15-1061		

Computer and Information Systems Managers	11-3021	AAS Information Network Specialist	3
Computer Operators	43-9011	CTS Help Desk Support	0
Computer Support Specialists	15-1041	TCA Web Design	7
		TCA Software Applications	12
		SUBTOTAL	**62**
Homeland Security Law Enforcement, Firefighting, and Related Protective Services			
Correctional Officers and Jailers	33-3012	AAS Criminal Justice	64
Police and Sheriff's Patrol Officers	33-3051		
Detectives and Criminal Investigators	33-3021		
Probation Officers and Correctional Treatment Specialists	21-1092		
		SUBTOTAL	**64**
Communication Technologies/Technicians and Support Services Degrees/Certificates			
Audio and Video Equipment Technicians	27-4011	CTS Communication Media	56
		AAS Communication Media	42
		TCA Media for the Ministry	1
		AALT Mass Communication	0
		TCA Sound Recording Technology	3
Radio and Television Announcers	27-3011	TCA Broadcasting	5
Broadcast Technicians	27-4012	TCA TV Production	4
		TCA Radio	0
		SUBTOTAL	**111**
Visual and Performing Arts			
Graphic Designers	27-1024	TCA Graphic Design	8
		TCA Computer Animation	4
Technicians Audio Equipment Technicians, Sound Effects Technicians, Sound Engineering Technicians, Stage	27-3099 27-4011 27-4014 27-2042	TCA Lighting Design TCA Costume Design TCA Scene Design TCA Theatre Technician	0 2 0 1

Performance Makeup Artists	39-5091		
Musicians & Singers	27-1024	CTS Music	5
Photographers	27-4021	TCA Photography	7
Visual and Performing Arts from 61 to 64, Producers and Directors, Technicians, Broadcast Technicians, Video Equipment, Actors, Producers and Directors	27-2010 27-2011 27-2012 27-4011	TCA The Business of Music	1
		TCA Directing	1
		TCA Film	2
		AA Performing Arts	14
		TCA Acting	6
		TCA Stage or Theatre Management	0
		CTS Theatre	10
		SUBTOTAL	**61**
Education			
Elementary School Teachers, Except Special Education	25-2021	AS Teaching (Gr 1-5)	8
Teacher Assistants	25-9041		
Child Care Workers	39-9011	AAS Care/Development of Young Children	10
Preschool Teachers, Except Special Education	25-2011		
Kindergarten Teachers, Except Special Education	25-2012		
		SUBTOTAL	18
Legal Professions and Studies			
Paralegals and Legal Assistants	23-2011	CTS Legal Secretary	9
Legal Secretary	43-6012		
		SUBTOTAL	**9**
		TOTAL COMPLETERS	**1,308**