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LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

Received
APPROVED

Slk 2/12/20
LCTCS BOARD OF SUPERVISORS

TO: Dr. Monty Sullivan
LCTCS President

THROUGH: Dr. René Cintrón
Chief Education and Training Officer

FROM: Dr. Wendi Palermo
Executive Director of Nursing and Healthcare Initiatives

DATE: 01/22/2020

SUBJECT: Program Requests at Bossier Parish Community College

FOR BOARD ACTION:

Recommendation: Staff recommends the Board approve the following program requests listed below.

Program Addition:

1. Technical Diploma (TD), Practical Nursing (CIP 51.3901) – 4 STARS

Program Modification:

2. Associate of Applied Science (A.A.S.), Surgical Technology (CIP 51.0909) – 4 STARS

Background: Bossier Parish Community College is requesting to add a new program to provide current and prospective students with a quality practical nursing program to meet healthcare workforce in Northwest Louisiana and surrounding areas. A full-time employee was hired to investigate feasibility of the program with plans to hire additional nursing faculty once approved.

Bossier Parish Community College is requesting to expand their current Surgical Technical program from a Technical Diploma to an Associate of Applied Science as required by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA), the program's external accrediting agency.

Fiscal Impact: The administrative structure and allocation of departmental funds will be unchanged, unless otherwise noted.

History of Prior Actions: There is a history of program modification or program addition to meet student and industry needs.

Benefits to the System: The changes will ensure curriculum is aligned to industry needs and better able to prepare students for successful entry into the workforce.


Approved for Recommendation to the Board
Dr. Monty Sullivan

2-12-20
Date

LCTCS College Curriculum Database

Fields with asterisk (*) are required fields.

PROPOSED CHANGE

a) For New Programs, state the purpose and objective; b) For Curriculum Modifications, state previous credit and clock hours; c) For Program Termination, state program and all award levels; d) For Curriculum Adoption, state the college from which curriculum is being adopted and the date it was approved by LCTCS.

The purpose of establishing this proposed practical nursing program at Bossier Parish Community College (BPCCC) is to provide current and prospective students with a quality practical nursing program designed to ensure that graduates will be well-qualified to provide safe, competent and compassionate patient care in a variety of healthcare settings. This practical nursing program will include essential classroom, laboratory, and clinical instruction to ensure development of competent, skilled Licensed Practical Nurses (LPNs) that are empowered and well-prepared to fill the needs in the healthcare workforce in Northwest Louisiana and surrounding areas.

The goal of the Bossier Parish Community College Practical Nursing Program is to sufficiently prepare entry-level Practical Nurses for safe and competent nursing practice utilizing the cognitive, psychomotor, and affective domains, and to meet state and national expectations within the nursing profession.

The proposed BPCCC Practical Nursing Program student outcomes (objectives) are based upon QSEN quality and safety competencies for nursing as follows:

- **Patient-centered Care:** Provide compassionate, meaningful, and coordinated care that ensures individual patient values guide all clinical decisions, and is respectful of and responsive to the preferences, needs, and values of the individual patient.
- **Teamwork and Collaboration:** Work collaboratively and function effectively within nursing and inter-professional teams to foster open communication with mutual respect and shared decision-making to achieve quality nursing care, improved patient outcomes, and increased safety, trust, satisfaction, efficiency, and communication for the health care team.
- **Evidence-based Practice:** Make sound clinical judgments based on nursing science and related theory, use critical thinking and ethical decision making to integrate best evidence with clinical expertise and patient (and family) preferences and values for the delivery of optimal health care.
- **Quality Improvement:** Evaluate and use data from all relevant sources, including technology, to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of healthcare systems. Evaluate and utilize data from all relevant sources, including technology, to inform and improve the delivery of patient care.

LCTCS College Curriculum Database

Fields with asterisk (*) are required fields.

- **Safety:** Apply, analyze, and utilize knowledge and skills as the basis for safe, holistic nursing practice to minimize the risk of harm to patients and providers through both system effectiveness and individual performance.

IMPLEMENTATION DATE (Semester and Year)

Fall 2020

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

Bossier Parish Community College (BPCC) previously offered a practical nursing program through the BPCC Continuing Education division. The program operated from May 2006 through April 2007 with a curriculum structured to provide a program of study that could be completed in 12 months. Funding for the program was provided through a National Emergency Grant from the Department of Labor and was contingent upon the ability of the College to provide short-term training, primarily to evacuees of South Louisiana following hurricanes Katrina and Rita. As specified by the grant, BPCC successfully completed the training of one cohort in that program. Due to a lack of continued funding for the program, the College chose not to pursue the admission of additional cohorts and notified the Louisiana State Board of Practical Nurse Examiners (LSBPNE) of closure of the program.

BPCC has utilized lessons learned from this previous program in the development of this newly proposed practical nursing program. This proposed program differs in three major aspects:

- This proposed practical nursing program will be housed within the academic division of the College instead of through Community Education, thus providing more stability of funding through academic tuition and fees. By offering the program through the academic division, students will also have access to additional funding sources, including TOPS scholarships, and Pell Grants.
- The schedule for the proposed program will be 20 months, versus 12 months for the previous program, providing a more reasonable timeline for enrolled students.
- The pool of potential students will be much larger, including all potential students who meet BPCC admission and LSBPNE requirements, versus the limited pool of displaced persons.

JUSTIFICATION FOR THE PROPOSED CHANGE

Include support such as four-year university agreements, industry demand, advisory board information, etc.

Surveys of healthcare providers in the Northwest Louisiana area, including clinics, hospitals, and long-term care and nursing home facilities, have identified an abundance of employment

LCTCS College Curriculum Database

Fields with asterisk (*) are required fields.

opportunities for PN graduates. Survey respondents affirm the need for more qualified LPNs throughout Northwest Louisiana.

The attached support letter from the Louisiana Nursing Home Association (LNHA) demonstrates full support for the establishment of this proposed LPN teaching program at Bossier Parish Community College (BPCC). The healthcare providers represented by this organization have identified a great need for qualified and knowledgeable LPNs throughout Louisiana. Their 2018 member facility survey returned 107 respondents presenting a need for 655 LPNs. That is an average of 6 LPNs needed per responding nursing facility.

In August 2019, BPCC surveyed major healthcare employers in Northwest Louisiana to determine their need for qualified LPNs with the following results:

- Respondents with a **critical** need for LPNs due to insufficient qualified LPN applicants to meet their staffing needs include Booker T. Washington Nursing Home, Garden Park Nursing and Rehabilitation, The Guest House Rehabilitation Center, Garden Park Nursing and Rehabilitation Center, and Village Health Care.
- Respondents with an **urgent** need for LPNs that are having difficulty filling night, and/or weekend positions, or to allow for anticipated expansion include Harmony House Nursing, Pilgrim Manor, Riverview Care Center, and Southern Oaks Nursing and Rehabilitation Center.
- Major healthcare employers in Northwest Louisiana responding with a need for more highly qualified applicants include Christus Health Shreveport-Bossier, Ochsner LSU Health Shreveport, and Willis Knighton Health System.

Queries of the 3 largest healthcare facility websites were conducted on September 10, 2019, to determine the current number of LPN job postings in the Shreveport-Bossier area. Results returned 42 LPN postings, some of which were postings for multiple open positions:

- Willis-Knighton Health System website career opportunities returned a total of 17 LPN position postings.
- Ochsner LSU Health Shreveport website for career opportunities returned a total of 20 LPN position postings.
- Christus Health Shreveport-Bossier website for career opportunities returned a total of 5 LPN position postings with 1 of them inviting walk-in interviews for all departments.

A September 2019 query of the LAWorks website for current LPN employment opportunities existing in Northwest Louisiana found 32 postings with a need for LPNs to staff their facilities. Letters of support for the establishment of a Practical Nursing program at BPCC are included as attachment 4.

LCTCS College Curriculum Database

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BPCC has formed an advisory committee for this proposed practical nursing program that includes a broad spectrum of the community selected for their interest in practical nursing education and their willingness to serve. The committee is composed of 20 representatives of area healthcare facilities and College representatives. The committee is charged with providing input into the development of the program. The advisory committee met initially on November 22, 2019, and will meet a minimum of twice per year hereafter upon program approval. The minutes of the advisory committee are included as attachment 7.

Those program graduates who choose to do so can enter Registered Nursing programs at BPCC, Southern University-Shreveport, or several other area four-year colleges and universities who offer LPN to RN transitions programs, including Northwestern State University and Louisiana Tech University. Their training as LPNs will give them advanced standing in these programs.

The Louisiana State Board of Practical Nursing requires that all programs include a minimum of 700 contact hours of theory instruction and 800 contact hours clinical/laboratory instruction, for a minimal total of 1500 hours of scheduled instruction. Using the BPCC established policy of awarding credit hours based on contact hours, this results in a program of 62 credit hours. While this exceeds the recommended 60 credit hour limit for a Technical Diploma, other LCTCS institutions offer Technical Diplomas in Practical Nursing that exceed the limit, including Sowela Technical Community College at 62 credit hours and Fletcher Technical Community College at 69 credit hours.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION			
<input checked="" type="checkbox"/> Main Campus	<input type="checkbox"/> All Campuses	<input type="checkbox"/> Sites (list below)	<input type="checkbox"/> Distance Education
+ Add More Sites			

QUALIFIED FACULTY (Check all that apply)		
<input checked="" type="checkbox"/> Use Existing Faculty #-Full Time: <u> 1 </u> #-Part Time: <u> </u>	<input checked="" type="checkbox"/> Hire Adjunct Faculty #: <u> 2 </u>	<input checked="" type="checkbox"/> Hire Full-Time Faculty #: <u> 1 </u>
MINIMUM CREDENTIALS REQUIRED FOR FACULTY		
Education: Minimum Bachelor's Degree in Nursing	Experience: 3 years' experience in medical surgical nursing; experience in nursing education	Certification: Registered Nurse; Current unencumbered Louisiana Nursing License

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS	
Department:	Division of Science, Nursing and Allied Health/ Academic Affairs
Describe how this change will affect the administrative structure and/or allocation of departmental funds in terms of faculty, facilities, support, and any other resources.	
<u>Administrative Structure</u>	

LCTCS College Curriculum Database

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The Technical Diploma in Practical Nursing will be offered by the Division of Science, Nursing, and Allied Health. The BPCCC organizational plan ensures adequate leadership for an appropriate educational environment for students and faculty. With many years of experience in the management of Nursing and Allied Health programs, the Division leadership is aware of and supportive of the unique needs of healthcare training programs.

Faculty

In response to requests from area healthcare providers and the Louisiana Nursing Home Association, in August 2019, BPCCC hired a full-time employee to investigate the feasibility of offering a practical nursing program and to facilitate the application and approval by the Louisiana Board of Practical Nursing. Once the program is established, she will fill the role of Practical Nursing Program Director and provide day-to-day administration of the program. Upon approval by the LCTCS and the Louisiana Board of Practical Nursing, BPCCC will hire an additional nursing faculty member to assist in the continued development of the program and to serve as full-time faculty once courses will be offered. With admission of the initial cohort, adjunct faculty will be hired to provide sufficient faculty to meet the required 1:10 ratio for clinical instruction.

Facilities

This proposed practical nursing program will be housed within the Nursing and Allied Health building (Building H) located on the BPCCC campus. This state-of-the-art facility, which opened in fall 2018, has adequate space and amenities to support the needs of the program. The building is maintained through the Maintenance Reserve Account, which receives \$280,000 annually, and the Building Use Fee, which generates approximately \$500,000 annually.

All classrooms and lab facilities noted for the proposed practical nursing program are program-ready, ADA-compliant, and will be accessible exclusively to the PN students from 3:30pm to 10:30pm Monday-Friday, and on weekends as needed.

The total Classroom/Laboratory Space to be utilized by the program is approximately 7,693ft² which will accommodate for the following:

ROOM	Resources included/accessible	
H321	Computer Lab (850 ft ²)	Seating for 50 students
H322	Classroom (850 ft ²)	Seating for 50 students, Epson BrightLink Pro 1450Ui Smartboards
H323	Classroom (850 ft ²)	Seating for 50 students, Epson BrightLink Pro 1450Ui Smartboards
H325	Classroom (1039 ft ²)	Seating for 54 students, Epson BrightLink Pro 1450Ui Smartboards
H326	Storage Closet (off of H325) (72 ft ²)	8 - Pregnancy Models
H327	Master Control Room for Simulation Lab (697 ft ²) centrally located with the following labs/rooms off of it:	1 - Metro IV Therapy Cart 1 - 4-drawer Medication Cart 1 - Dell Computer 1 - Vein Illuminator 1 - Bladder Scanner
H328	Medical Surgery Suite (1000 ft ²)	1 - Isolation Cart

LCTCS College Curriculum Database

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		<ul style="list-style-type: none"> 1 - Huntleigh Flowtron DVT Pump 1 - Alaris PCU 1 - Alaris PCA Module 1 - GE B40 ECG Patient Monitor/Printer 3 - Medical Mannequins 3 - IV Pumps 4 - Medical Beds 4 - Alaris IV Pumps 1 - Universal DVT Pump 1 - Apollo Mannequin
H329	Medication Room (170 ft ²)	<ul style="list-style-type: none"> 1 - AED – Non-clinical BLS 1 - LifePak 20E Defibrillator/Monitor
H330	OB/GYN Delivery Room (197 ft ²)	<ul style="list-style-type: none"> 1 - Medstation 1 - Hill-Rom Century ICU Bed 1 - Tetherless Monitor – DC Powered
H331	Pediatric Treatment Room (197 ft ²)	<ul style="list-style-type: none"> 1 - Universal DVT Pump 1 - Deluxe Infant Warmer 1 - Hill-Rom Affinity II Birthing Bed 2 - CAE Lucina Female Simulator 1 - Mannequin, dark skin tone 40 week neonatal
H332	Intensive Care Unit Room (197 ft ²)	<ul style="list-style-type: none"> 1 - Mannequin, medium skin 5-year-old 1 - Puritan Bennett Ventilator 1 - 6-Drawer Emergency Deluxe Cart 2 - Zoll AED-Auto defibrillators 1 - METIman Adult Training Mannequin System
H334	Central Storage (778 ft ²)	<ul style="list-style-type: none"> 1 - Hill-Rom Medical Bed 1 - Nellcor ETCO2 Oximeter 2 - Abbott Plum IV Fusion Pumps 2 - Laerdal SimPad Systems 3 - NG Tube and Trach Skill Simulators
H335	Skills Practice Lab/Review Room (823 ft ²)	<ul style="list-style-type: none"> 2 - GE B40 ECG Patient Monitor/Printers 2 - Medical Beds
H336	Fundamentals Lab (825 ft ²)	<ul style="list-style-type: none"> 2 - Nursing Kelly – VitalSim packages 1 - Nursing Anne – VitalSim package 1 - VGA Matrix Switcher and Control Panel 1 - GE B40 ECG Patient Monitor/Printer 1 - Nursing Kelly 2 - Nursing Anne 6 - Medical Beds

The Program Director/Coordinator of the proposed practical nursing program has an office in H Building where the practical nursing program classes will be taught. The Program Director/ Coordinator's office is approximately 11' x 7.5', and the additional PN faculty office located adjacent to the Director/Coordinator's office is approximately 8.5' x 8.5'. Both offices will be furnished with furniture and accoutrements necessary for operation to provide for uninterrupted work and to ensure privacy for student and staff conferences.

The clerical staff, student and staff files, and all essential equipment are also located on the first floor of H Building. The clerical staff office for the proposed practical nursing program is approximately 11' x

LCTCS College Curriculum Database

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18.5' and is located in close proximity to the Program Director/Coordinator and PN faculty offices. Current clerical staff is sufficient to provide support for the addition of a practical nursing program.

The staff and student files will be stored in the Record Room, which remains locked at all times and is located on the first floor within H Building, detailed on the first floor plan. This room measures approximately 9.5' x 11' and has an HFC-227ea chemical fire suppression system to prevent water damage to records in case of a fire. Staff and student files will also be stored on electronic drives that are backed up nightly.

Equipment

Each lecture classroom for the proposed practical nursing program is equipped with an Epson BrightLink Pro 1450Ui SmartBoard and whiteboards. The computers in each classroom that are used to run the software for the SmartBoards are fully equipped with full Microsoft Office software and internet access to allow instructors to project videos, PowerPoint presentations, Word documents, and other documents as needed.

A number of the nursing laboratory classrooms are also equipped with Epson BrightLink Pro 1450Ui Smartboards and whiteboards. Further, the laboratory classrooms are equipped with simulated hospital beds complete with state-of-the-art simulation mannequins, headwalls and other equipment as listed below. Each of these laboratory classrooms is equipped with audio and video recording capabilities to allow students and instructors to view and critique performance on various assigned simulated activities.

The itemized list of teaching equipment and supplies available and/or purchased for the proposed practical nursing laboratories is included as attachment 5.

Clinical facilities

Proposed clinical facilities for the program include hospitals, nursing homes, and long-term care facilities. The proposed hospitals provide inpatient services in medicine, surgery, obstetrics, pediatrics, and psychiatry. The proposed nursing homes and long-term care facilities provide services in medicine and geriatric care. The combination of clinical facilities will provide a variety of conditions to ensure learning experiences mandated by the curriculum. A list of clinical facilities that will provide support for the proposed program is included as attachment 6.

Academic Support

Bossier Parish Community College's Learning Commons/Library is a state-of-the-art library. The library was recently renovated to improve access and availability of resources both in print and electronically. The renovation provided several key improvements, including the following:

- Addition of a multi-use classroom with 30 computers, a printer, and a projector system, which allows orientation classes to be conducted in the Library/Learning Commons
- Increase in the number of computers available to students from 56 to 118 and expansion of available computer locations throughout both floors of the Library/Learning Commons
- Upgrade of document delivery systems to include copying, scanning, and printing for students, as well as increased speed, capacity, and privacy

LCTCS College Curriculum Database

Fields with asterisk (*) are required fields.

- Creation of study and reading areas that are more versatile and comfortable for students and accommodate both individual as well as collaborative study

Among the services offered are the Library/Learning Commons' online catalog and electronic resources, which are available on-demand via the Internet 24 hours a day. The online catalog provides students with quick and easy access to the Library/Learning Commons' holdings, and students can access databases online at any time. The Library/Learning Commons' online site also extends services such as placing holds on circulating materials, viewing reserve materials lists, and checking personal accounts of books due and fees owed.

Electronic resources are provided through membership in LOUIS: The Louisiana Library Network. LOUIS combines the resources of Louisiana's public and private academic libraries. The resources include centralized support staff located on the LSU-Baton Rouge campus who provide an integrated library system, electronic resources, authentication, training, professional development, consulting, and hosting of related listserves and websites. Electronic resources are available 24-hours a day through any web-based connection so that students can access these resources from any location at any time.

The BPCCLibrary/Learning Commons is also a member of the Louisiana Academic Library Information and Network Consortium (LALINC), a consortium that fosters resource sharing among Louisiana libraries through Interlibrary Loan (ILL). LALINC allows all students (including online students), faculty, and staff of Louisiana colleges and universities to borrow items from other academic libraries in Louisiana by presenting a LALINC card at the borrower's home library. The Library staff locates the item at another library and obtains it for use by the requester.

The library has over 200 computers available for students. Each computer is connected to a printing station. Faculty are able to add software unique for their areas for the students to utilize. Additionally, two KIC Bookeye scanners are available for scanning reference and reserve materials, allowing students to the images emailed directly to their student email account or saved to a flash drive.

The BPCCLearning Commons provides students with access to materials to support classroom learning, and to conduct research. Resources, listed in attachment 2, include books, e-books, journals, video resources, and access to medical databases. The available resources are reviewed annually by the program faculty for currency and adequacy, and recommendations for additional resources are submitted to the library staff. Current library resources are adequate to meet the current needs, and proposed expansion, of the program.

The Tutoring Center is also located on the second floor of the Administration Building adjacent to the Library. The purposes of the Tutoring Center are to enhance instruction provided in the classroom and to assist all BPCCLstudents in achieving academic success, gaining self-confidence, and becoming independent learners. These purposes are achieved through one-on-one tutorial services and computer-assisted learning. The Tutoring Center houses 66 computers that include more than 3 dozen computer programs related to courses offered at the College. Reserve textbooks, 3 study rooms equipped with computers and dry erase boards for tutoring sessions, a state-of-the-art scanner, and 2 printers are available for student use. In addition, peer tutoring is offered in the subject areas of English, math, science, and computer technology. Writing support services are also offered to students. Resources such as human anatomy models, first aid DVDs, microscopes and

LCTCS College Curriculum Database

Fields with asterisk (*) are required fields.

slides, textbooks, graphing and scientific calculators, and many other tools are available. DVDs for several academic areas are also available for student checkout. The Tutoring Center is a part of the College's Library/Learning Commons.

While BPCC is continuously striving to improve learning resources available to students, the breadth of scope available to students for current resources is comparable to peer institutions' holdings with similar programs.

Financial Support

The financial history of Bossier Parish Community College (BPCC) demonstrates financial stability. Annually, the LCTCS conducts a comprehensive audit of the financial status of the College, the results of which has consistently demonstrated ongoing financial viability. In December 2018, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) found BPCC in full compliance with standard 3.10.1: "The institution's recent financial history demonstrates financial stability." This compliance was based on a comprehensive review of college financial records, including audits for FYE 2010 to FYE 2016.

BPCC's plan to ensure adequate financial support for an appropriate educational environment includes use of general College and self-generated funds (tuition and fees). Additionally, the College will pursue grant funding (including Carl Perkins funds) to supplement and enhance the program but will not depend upon grant funds to sustain the program. BPCC has successfully pursued funds from area business partners to support programs, especially in areas of healthcare training, to provide financial support for students, and the establishment of endowed professorships allows the College to attract and retain the most qualified faculty.

The BPCC organizational plan ensures adequate leadership for an appropriate educational environment for students and faculty. Direct leadership and management of the proposed practical nursing program will be the responsibility of the Practical Nursing Program Director/Coordinator. The program will be located within the Division of Science, Nursing, and Allied Health, where leadership is provided by the Dean and Assistant Dean. With many years of experience in the management of Nursing and Allied Health programs, the Division leadership is aware of and supports the unique needs of healthcare training programs.

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY					
EVENING	100	150	200	250	300
DISTANCE EDUCATION					
Describe Process for Attaining & Estimating Enrollment:		During the investigational phase of the proposed program, BPCC conducted surveys of both potential and current BPCC students to determine interest in a BPCC Practical Nursing program. Details of the surveys are included as attachment 8. The estimated enrollment in the proposed Practical Nursing program is based upon the results of these surveys and the enrollment and growth rates of similar programs offered at BPCC.			

LCTCS College Curriculum Database

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PROGRAM ACCREDITATION:	
Is Program Accreditation, Licensure or Certification Required?	<input type="checkbox"/> Mandatory Accreditation <input checked="" type="checkbox"/> Optional Accreditation <input type="checkbox"/> Recommended Accreditation <input type="checkbox"/> No Accreditation Required
Accreditation Status	<input type="checkbox"/> Approved <input type="checkbox"/> Applied <input checked="" type="checkbox"/> Will Apply <input type="checkbox"/> N/A
Type/Name of Program Accreditation, Licensure or Certification Required:	Prior to admitting students, the program must be approved by the Louisiana State Board of Practical Nursing. The phase one application has been submitted and slated for consideration at the March Practical Nursing Board meeting. Upon initiation of the program, BPC will pursue Accreditation Commission for Education in Nursing (ACEN).

PROGRAM CURRICULUM								
Use the template below or insert separate attachment. All modifications should include the OLD and NEW curriculum with changes appropriately noted so that it is visually clear what has been added, deleted and/or changed. Note if any special requirements, such as internships, are part of the curriculum. List all embedded IBCs. If you are adopting curriculum, you do not need to complete this section.								
Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours	Clinical Hours	Delete Row
Program, Degree or Concentration: Technical Diploma in Practical Nursing						Credit Hours: 62		
First Semester								
BLGY	120	Introduction to Anatomy and Physiology	45			3		
BLGY	120L	Introduction to Anatomy and Physiology Lab		40		1		
BLGY	202	Microbiology for Nursing and ALHT	45			3		
Second Semester								
PRNU	100	PN Fundamentals I	45	20		3.5		

LCTCS College Curriculum Database

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PRNU	110	Introduction to Practical Nursing	30			2		
PRNU	120	PN Dosage Calculation	15			1		
PRNU	130	PN Fundamentals II	45	30		4.5	45	
BLGY	110	Medical Terminology	45			3		
Third Semester								
PRNU	140	PN Medical Surgical I	60			4		
PRNU	141	PN Medical Surgical I Clinical				3	180	
PRNU	150	PN Basic Pharmacology	15			1		
PRNU	160	PN Advanced Pharmacology	45	10		3		
BLGY	203	Nutrition	45			3		
Fourth Semester								
PRNU	200	PN Women's Health	30			2.5	30	
PRNU	210	PN Pediatric Nursing	30			2.5	30	
Fifth Semester								
PRNU	220	PN Medical Surgical II	60			4		
PRNU	221	PN Medical Surgical II Clinical				3	180	
PRNU	230	PN Mental Health Nursing	30			2.5	30	
PRNU	250	PN Geriatric Nursing	30			2.5	30	
Sixth Semester								
PRNU	260	PN Medical Surgical III	60			4		
PRNU	261	PN Medical Surgical III Clinical				3	180	
PRNU	270	PN Leadership	45			3		

BENEFITS TO THE SYSTEM

Discuss how this change will benefit your students, your community, and the LCTCS.

LCTCS College Curriculum Database

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The major group of potential practical nursing students includes the 2,248 students currently enrolled at Bossier Parish Community College with declared majors in Nursing or one of the Allied Health programs, as well as all future students with these declared majors. These highly qualified students are currently enrolled in or have successfully completed college-level coursework, have a desire to work in the healthcare industry, and have an interest in completing their education at BPCC. For the academic year 2018-19, 243 qualified applicants (having completed all prerequisite coursework, established general education competency, and having met other qualifying criteria) applied for clinical-level training in BPCC Nursing and Allied Health programs but were not selected due to limitations on clinical training slots. These students constitute a large pool of students who will benefit from the proposed Practical Nursing program.

According to the "Highest Ranked Occupations" report published by the North Louisiana Economic Partnership in November 2018, Licensed Practical and Licensed Vocational Nurses constitute the third largest category of employment in Northwest Louisiana. This high demand creates a continuous need to supply employment ready practical nurses to sit for licensure.

The healthcare providers, nursing homes, and long-term care facilities in Northwest Louisiana enthusiastically express support for this proposed Practical Nursing program. Surveys with input from employers and other communities of interest indicate that there still remains a great need for competent LPNs throughout the healthcare agencies in this area, reporting a continued need to employ qualified and suitable LPN candidates to fill their critical and urgent needs.

The approval of this program will support the LCTCS mission to build a qualified, skilled workforce.

KEYWORDS

Financial Documents (Allowed Extensions: .pdf)	
Academic Course Development Sheets (Allowed Extensions: .pdf)	
Curricula Map (Allowed Extensions: .pdf)	
Additional Attachments (Allowed Extensions: .pdf)	

Save

Submit

Back

Surgical Technology - 01/13/2020

TYPE OF PROPOSED CHANGE : New Program

PROGRAM NAME : Surgical Technology

AWARD LEVEL(S)

For Board of Regents and LCTCS Review:

Associate of Applied Science (A.A.S.)

Name:

For LCTCS Review:

Technical Diploma (T.D.)

Certificate of Technical Studies (C.T.S.)

Career and Technical Certificate (C.T.C)

TCA - For Archive Purpose Only

NAME OF PROGRAM(S) and AWARD LEVEL(S)

Stars : 4 Stars

Name: Surgical Technology

Program Delivery Mode: Standard

CIP: 51.09.09

Credit Hours: 60.00

Contact Hours: 0.00

Associate of Applied
Science (A.A.S.)

IBC: CPR for
Healthcare
Providers

**Issuing
Body:**
American
Heart
Association

Course Title:
Healthcare
Systems and
Safety

**Course
Prefix:** ALHT

**Course
Number:** 109

**Credits
Awarded:**
2.00

**IBC
Awarded
upon
Completion?
: Yes**

IBC: Certified
Surgical
Technologist

**Issuing
Body:**
National Board
of Surgical
Technology
and Surgical
Assisting

Course Title:

**Course
Prefix:**

**Course
Number:**

**Credits
Awarded:**
60.00

**IBC
Awarded
upon
Completion?
: No-Test is
Required**

PROPOSED CHANGE

a) For New Programs, state the purpose and objective; b) For Curriculum Modifications, state previous credit and clock hours; c) For Program Termination, state program and all award levels; d) For Curriculum Adoption, state the college from which curriculum is being adopted and the date it was approved by LCTCS.

The purpose of this proposal is to expand the current BPCC Technical Diploma in Surgical Technology to an Associate of Applied Science in Surgical Technology, as required by the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA), the program's external accrediting agency.

The purpose of the Bossier Parish Community College Surgical Technology program is to prepare graduates with the skills and knowledge to work under the supervision of a surgeon to "ensure that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety."

The goal (objectives) of the Bossier Parish Community College Surgical Technology program is to prepare graduates who possess cognitive skills necessary to function as an entry-level surgical technician; psychomotor skills necessary to perform the skills required of a surgical technician in the operating room environment; and affective skills necessary to function as an effective surgical team member while demonstrating professionalism.

Graduates of the Associate of Applied Science degree in Surgical Technology will be able to demonstrate the following learning outcomes:

- A. the ability to communicate oral and written thought in a clear and organized manner that effectively and appropriately informs and conveys ideas to members of the healthcare team;
- B. the ability to anticipate, critically assess, recognize, and find timely solutions to possible surgical complications as appropriate to the role of the surgical technologist;
- C. the ability to assist in surgical procedures by using appropriate medical terminology, knowledge of anatomy, physiology and microbiology, and regulating necessary medicines, while acting with knowledge of a patient's physical and psychological pathologies;
- D. competency in the performance of skills utilizing the history and current standards and practices of the Surgical Technology profession to make effective on-the-job professional decisions; and
- E. proficiency in general education competencies, including reading, written communication, oral communication, mathematical computation, critical thinking, research skills, and computer literacy.

IMPLEMENTATION DATE (Semester and Year)	Fall 2020
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HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

In 1981, Bossier Parish Community College was granted authority to offer certificate-level training in surgical technology. The first program graduates completed the program in 1982. The program credential was converted to a Technical Diploma in Surgical Technology in 2002. In response to changes adopted by the program accreditation agency, BPCC is requesting the conversion of the Technical Diploma in Surgical Technology to an Associate of Applied Science in Surgical Technology. This change involves the addition of 12 hours of general education coursework to meet the General Education Standards and competencies established by BPCC, the Louisiana Board of Regents, and the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). To offer the program within the recommended 60 credit hours, 7 credit hours of coursework was removed, with content added to other required courses. The specialized coursework, Surgical Technology prefix courses, has remained relatively unchanged, with minor rearrangements of course content. The Technical Diploma will be awarded through July 2021 to provide currently enrolled students with the opportunity to complete the program. Effective fall 2021, the Technical Diploma will no longer be offered. Students can begin earning the Associate of Applied Science in Surgical Technology effective with the fall semester 2020, pending Board of Regents approval. A summary of program curriculum changes is described in attachment 3.

JUSTIFICATION FOR THE PROPOSED CHANGE

Include support such as four-year university agreements, industry demand, advisory board information, etc.

In October 1998, the BPCC Surgical Technology program was accredited by the Commission on Accreditation of Allied Health Education Programs, based on the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA).

In March 2019, the ARC/STSA Board of Directors approved the following addition to the Standards and Guidelines for the Accreditation of Educational Programs in Surgical Technology, Standard I.A: Sponsorship: "Projected for August 1, 2021, all sponsoring institutions should award a minimum of an Associate's degree at the completion of the program." BPCC seeks conversion of the Technical Diploma in Surgical Technology to an Associate of Applied Science in Surgical Technology in order to remain compliant with ARC/STSA standards and ensure that program graduates remain eligible to take the certification exam to become Certified Surgical Technicians.

Ultimately, the change in accreditation standard I.A requires the student to take the Certified Surgical Technologist (CST) exam prior to the completion of the program. Upon program completion, and based upon a passing score, the graduate is awarded the Certified Surgical Technician credential.

Based on national trends, in April 2018, the Surgical Technology Advisory Committee recommended that BPCC add the option of an Associate Degree in Surgical Technology. At the April 2019 meeting, the Advisory Committee recommended that the program phase out the Technical Diploma option once the Associate degree credential is approved.

The conversion of the Technical Diploma in Surgical Technology to an Associate degree will facilitate the transfer of credits to four-year colleges and universities for students wishing to pursue additional degrees. BPCC currently has affiliate agreements with Northwestern State University and Louisiana State University for the block transfer of Associate degree allied health program graduates to Bachelor's-level programs.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty: Yes # - Full Time: 1 # - Part Time: 2	Hire Adjunct Faculty: No # - 0	Hire Full-Time Faculty: No # - 0
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ADMINISTRATION and IMPLEMENTATION COSTS

Department :

How will this change affect the administrative structure and/or allocation of departmental funds in terms of:

Faculty :	Facilities :	Library Resources :
Support :	Related Fields :	Other :

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Minimum Bachelor's degree in Nursing	Experience: Minimum of 5 years' experience in an operating scrub role, or as an instructor of a surgical technology program	Certification: Certified Surgical Technician
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FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : Division of Science, Nursing, and Allied Health

Describe how this change will affect the administrative structure and/or allocation of departmental funds in terms of faculty, facilities, support, and any other resources.

The Technical Diploma in Surgical Technology is offered by the Division of Science, Nursing, and Allied Health. With the conversion to the Associate degree, the program will continue to be housed within this Division. The current Program Director will continue to provide day-to-day administration of the program, with no changes in administrative structure. Current faculty are adequate to provide continued instruction of the proposed curriculum. The existing Surgical Technology program is supported by exceptional facilities, equipment, and learning resources, all of which are adequate to support the program expansion.

ANTICIPATED ENROLLMENT:

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	55	60	65	70	75
EVENING					
DISTANCE EDUCATION					

Describe Process for Attaining & Estimating Enrollment:

Enrollment projects are based on current enrollment in the surgical technology program, with consideration of the increased enrollment of 57% over the most recent 5 years.

PROGRAM ACCREDITATION:

Is Program Accreditation, Licensure or Certification Required?	Mandatory Accreditation status: Approved
Type/Name of Program Accreditation, Licensure or Certification Required:	Commission on Accreditation of Allied Health Education Programs, based on the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA)

DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.)

PROGRAM CURRICULUM

Use the template below or insert separate attachment. All modifications should include the OLD and NEW curriculum with changes appropriately noted so that it is visually clear what has been added, deleted and/or changed. Note if any special requirements, such as internships, are part of the curriculum. List all embedded IBCs. If you are adopting curriculum, you do not need to complete this section.

Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours	Clinical Hours
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Program, Degree or Concentration: Associate of Applied Science in Surgical Technology						Credit Hours: 60.00		
Semester: First						Credit Hours: 16.00		
ENGL	101	Composition & Rhetoric I	0.00	0.00	0.00	3.00	0.00	
MATH	101 or 102	Applied Algebra for College Students OR College Algebra	0.00	0.00	0.00	3.00	0.00	
BLGY	110	Medical Terminology	0.00	0.00	0.00	3.00	0.00	
BLGY	120	Introduction to Anatomy and Physiology	0.00	0.00	0.00	3.00	0.00	
BLGY	120L	Introduction to Anatomy and Physiology Lab	0.00	0.00	0.00	1.00	0.00	
Semester: Second						Credit Hours: 14.00		
ALHT	116	Dosage Calculation	0.00	0.00	0.00	3.00	0.00	
ALHT	109	Healthcare Systems and Safety	0.00	0.00	0.00	2.00	0.00	
BLGY	202	Microbiology for Nursing and Allied Health	0.00	0.00	0.00	3.00	0.00	
ALHT	206	Pathophysiology	0.00	0.00	0.00	3.00	0.00	
HMAN	Elec	Humanities Elective	0.00	0.00	0.00	3.00	0.00	
Semester: Third						Credit Hours: 6.00		
STEC	101	Orientation to Surgical Technology	0.00	0.00	0.00	2.00	0.00	
STEC	102	Introduction to Surgical Technology	0.00	0.00	0.00	3.00	0.00	
STEC	102L	Introduction to Surgical Technology Lab	0.00	0.00	0.00	1.00	0.00	
Semester: Fourth						Credit Hours: 12.00		
STEC	110	Surgical Procedures I	0.00	0.00	0.00	3.00	0.00	
STEC	111	Clinical Specialties	0.00	0.00	0.00	3.00	0.00	
STEC	112	Surgical Practicum I	0.00	0.00	0.00	6.00	0.00	
Semester: Fifth						Credit Hours: 12.00		
STEC	120	Surgical Procedures II	0.00	0.00	0.00	3.00	0.00	
STEC	121	Surgical Specialties and Review	0.00	0.00	0.00	3.00	0.00	
STEC	122	Surgical Practicum II	0.00	0.00	0.00	6.00	0.00	

BENEFITS TO THE SYSTEM

Discuss how this change will benefit your students, your community, and the LCTCS.

The proposed conversion of the Technical Diploma to an Associate degree program will allow students to continue to pursue training as a Surgical Technician at BPCC by completing an accredited program. Program completers will continue to be eligible to take the Certified Surgical Technician Exam, a credential that is required by most healthcare providers in northwest Louisiana to work as a surgical technician. Additionally, this nationally recognized credential will facilitate access to employment for graduates who relocate to other areas, especially for the large number of military spouses and retirees enrolled at BPCC. The continued offering of a surgical technology program by BPCC is important to the local economy, as BPCC is the major provider of training for most surgical technicians within the Shreveport- Bossier region. An accredited surgical technology program benefits the LCTCS in support of the mission to continue to build a qualified, skilled workforce.

KEYWORDS

Surgical Technology