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## LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

TO: Dr. Monty Sullivan  
LCTCS President

FROM: Dr. René Cintrón *RC*  
Interim Chief Academic Affairs Officer

SUBJECT: Program Modifications at South Louisiana Community College

DATE: August 24, 2017

### FOR BOARD ACTION:

**Recommendation:** Staff recommends that the Board approve the program modifications listed below.

#### Program Modifications

1. Associate of Applied Science (AAS) in Technical Studies (CIP 47.9999) – 5 STARS
  - a. Concentration in Oil & Gas Production Technology – 5 STARS

**Background:** SLCC faculty proposes to add a concentration to the AAS in Technical Studies using the existing TD in Oil & Gas Production Technology. The AAS is designed to provide students the opportunity to earn an associate degree in areas of study that are career and technical in nature. The revision aligns with NAPTA accrediting organization standards and it is supported Louisiana's Chemical Association.

**Fiscal Impact:** There are no anticipated expenditures associated with these modifications. Faculty and resources under the existing curriculum will be allocated to the new programs.

**History of Prior Actions:** There is a history of modifying programs to meet student and workforce needs.

**Benefits to the System:** These modifications will allow SLCC to better meet student and workforce needs.

*Monty Sullivan*  
Approved for Recommendation to the Board  
Dr. Monty Sullivan

9/20/17  
Date

APPROVED  
*SLC* 9-20-17  
LCTCS BOARD OF SUPERVISORS



# LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

## New Program and Curriculum Modification Form

**TYPE OF PROPOSED CHANGE:** Adding the existing Technical Diploma in Oil & Gas Production Technology to the existing Associate of Applied Science (AAS) in Technical Studies.

New Program

Curriculum Modification

### AWARD LEVEL(S)

Award Level(s):

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

Associate of Science (A.S.)

Associate of Arts (A.A.)

Other Associate Degree

Name: Associate of Applied Science  
(AAS) in Technical Studies

Technical Diploma (T.D.)

Technical Competency Area (T.C.A.)

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

Certificate of Applied Science (C.A.S.)

Certificate of General Studies (C.G.S.)

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

Name: Associate of Applied Science (AAS) in Technical Studies

CIP: 479999

Credit Hours: 60

Contact Hours: 1080

Award Level: AAS

Name:

CIP:

Credit Hours:

Contact Hours:

Award Level:

Name:

CIP:

Credit Hours:

Contact Hours:

Award Level:

Name:

CIP:

Credit Hours:

Contact Hours:

Award Level:

**DESCRIBE THE PROPOSED CHANGE (For Curriculum Modifications, state previous credit and clock hours, and for Program Termination, state program and all award levels.)**

We propose to add the existing Technical Diploma in Oil & Gas Production Technology to the list of the existing programs in the Associate of Applied Science (AAS) in Technical Studies.

**REASON/JUSTIFICATION FOR THE PROPOSED CHANGE (Include support such as four-year university agreements, industry demand, advisory board information, etc.)**

The Associate of Applied Science (AAS) in Technical Studies is designed to provide students an opportunity to earn an associate degree in areas in which the college does not offer specialized degree programs.

**IMPLEMENTATION DATE (Semester and Year)**

For Academic Year 2017- 2018

**SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION**

Main Campus

All Campuses

Sites (list below)

Site 1: New Iberia Campus; 908 Ember Dr. New Iberia, LA 70560

Site 2:

Site 3

Site 4:

**LOUISIANA WORKFORCE COMMISSION STAR LEVEL (<http://www.laworks.net/Stars/>)**

5 Stars

4 Stars

3 Stars

2 Stars

1 Star

**PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)**

Use Existing Faculty

#: 1

Hire Adjunct Faculty

#: \_\_\_\_\_

Hire Full-Time Faculty

#: \_\_\_\_\_

**MINIMUM CREDENTIALS REQUIRED FOR FACULTY**

Education:

Experience:

Certification:

**ANTICIPATED ENROLLMENT:**

Students	Year One	Year Two	Year Three	Year Four	Year Five
<u>DAY</u>	<u>20</u>				
<u>EVENING</u>					

<b>ANTICIPATED ENROLLMENT:</b>	
<b>Describe Process for Attaining &amp; Estimating Enrollment:</b>	Taking a cohort of 20 full time students every fall semester.

<b>PROGRAM ACCREDITATION:</b>	
<b>Is Program Accreditation, Licensure or Certification Required?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	If YES, please provide projected accreditation/licensure/certification date:
<b>Type/Name of Program Accreditation, Licensure or Certification Required:</b>	

<b>DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.)</b>
No additional costs are required.

<b>PROGRAM CURRICULUM</b> (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)						
Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
<b>First Semester</b>						
WFMA	1003	Mathematics for Workforce Occupations	3	0	45	3
OGPT	1020	Oil & Gas Regulation	2	0	30	2
OGPT	1030	Occupational Safety, Health	3	0	45	3
OGPT	1100	Introduction to Oil and Gas Exploration and Production	3	0	45	3
OGPT	1110	Drilling Processes	3	0	45	3
OGPT	1300	Industrial Electricity	3	1	75	3
					285	17

Second Semester						
OGPT	1400	Oil & Gas Instrumentation	3	1	90	4
OGPT	1500	Pneumatic/Hydraulic Power Systems	3	1	75	3
OGPT	1120	Offshore Drilling Processes	3	0	45	3
OGPT	1130	Wells Completions and Workovers	3	0	45	3
OGPT	2100	Basic Production Operations	2	1	75	3
					330	16
Third Semester						
OGPT	2200	Production and Safety Systems	2	1	75	3
OGPT	2020	Well Control & Blowout Prevention	3	0	45	3
OGPT	2030	Natural Gas Processing	2	1	75	3
OGPT	XXXX	Program Elective	3	0	45	3
					240	12
		<b>Technical Diploma in Oil &amp; Gas Production Technology (Total)</b>			855	45
Fourth Semester						
ENGL	1010	English Composition I	3	0	45	3
MATH	1105	College Algebra	3	0	45	3
		Social/Behavioral Sciences	3	0	45	3
		Humanities	3	0	45	3
		Natural/Physical Sciences	3	0	45	3
					225	15
		<b>Associate of Applied Science (AAS) in Technical Studies (Total)</b>			1080	60



Fifth Semester						
Sixth Semester						

**SIGNATURES:**

  
\_\_\_\_\_  
College Chief Academic Officer

  
\_\_\_\_\_  
College Chief Executive Officer

5/19/2017  
**Date**

5/19/2017  
**Date**

## SOUTH LOUISIANA COMMUNITY COLLEGE (SLCC)

### Associate of Applied Science (AAS) in Technical Studies

#### Specific Degree Requirements

Students wishing to earn an Associate of Applied Science in Technical Studies from South Louisiana Technical College (SLCC) must:

- Complete a Technical Diploma in one of the following programs: Air Conditioning & Refrigeration, Automotive Technology, Carpentry, Diesel Powered Equipment Technology, Electrician, Industrial/Agriculture Mechanics Technology, Machine Tool Technology, Nondestructive Testing Technology, and Welding.
- Complete 15 hours in General Education Requirements.

#### Associate of Applied Science (AAS) in Technical Studies Curriculum Outline

##### **Component I: Technical Area Coursework**

(Complete a Technical Diploma in a technical area that does not offer AAS degree)

- Air Conditioning & Refrigeration
- Automotive Technology
- Carpentry
- Diesel Powered Equipment Technology
- Electrician
- Industrial/Agriculture Mechanics Technology
- Machine Tool Technology
- Nondestructive Testing Technology
- Welding

##### **Component II: General Education Courses Required for AAS**

Course	Course Title	Lecture	Lab	Total Credit Hours
ENGL 1010	English Composition I	3	0	3
MATH 1105	College Algebra	3	0	3
	Approved Social/Behavioral Sciences	3	0	3
	Approved Humanities	3	0	3
	Approved Natural/Physical Sciences	3	0	3

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# BPCC & SLCC curriculum review recommendations

David LaFargue <david.lafargue@sowela.edu>

Thu 8/24/2017 12:18 PM

To: Rene Cintron <re necintron@lctcs.edu>;

Cc: Melissa U Lacour <melissalacour@lctcs.edu>; Lisa Pulizzano <Lisa@lca.org>;

Dr. Cintron,

The Process Technology Education Review Committee was tasked with reviewing proposed curriculum for Bossier Parish Community College (BPCC) and South Louisiana Community College (SLCC).

## SLCC Proposal - Oil and Gas

SLCC is proposing an industrial Oil and Gas pathway for their institution. The curriculum SLCC presented is quite similar to BPCC's existing Oil and Gas program offered at the BPCC campus. Although the Oil and Gas field of study has considerable overlap with the Process Technology 8 core courses as identified through the North American Process Technology Alliance (NAPTA), NAPTA does not have identified coursework components (learning outcomes, objectives, etc.) for the Oil and Gas concentration at this time. However, the NAPTA organization is currently working towards identifying and finalizing these components for this field of study. I recently spoke with a NAPTA representative to inquire about the Oil and Gas coursework to which the representative expressed interest in collaborating with these two institutions to finalize the details for this field and for NAPTA.

## BPCC Proposal - Process Technology

BPCC is proposing the Process Technology degree pathway for their institution. The curriculum BPCC presented was reviewed by the Education Review Committee earlier this year and again earlier this week. Each of the 8 core courses identified by NAPTA was reviewed and compared with the courses entailed within BPCC's Process Technology proposed curriculum. Each of the 8 courses aligned very adequately with identified components outlined by NAPTA with few minor recommendations towards simply strengthening the coursework presented.

On behalf of the Education Review Committee, I'd like to make the following recommendations for each proposed program:

- SLCC
  - The Review Committee determined the Oil and Gas program presented by SLCC does not require a curriculum review as identified through NAPTA standards for the Oil and Gas sector at this time and therefore is able to move forward with its proposed Oil and Gas program to the Board of Supervisors. However, it was recommended that SLCC and BPCC contribute towards establishing these standards and guidelines for this field of study when and where possible in collaboration with NAPTA.
- BPCC
  - The Review Committee determined the Process Technology program as an adequate representation of the Process Technology coursework as outlined through NAPTA and recommend moving forward with BPCC's Process Technology program to the Board of Supervisors.

Please let me know if you have any questions regarding the topics listed above and hope you enjoy the rest of your day.

Sincerely,

David Lafargue  
Education Review Committee Chair