

*Changing Lives,
Creating Futures*

Monty Sullivan
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Craig Spohn
Vincent St. Blanc, III

Student Members:
Jeremy Gray
Raissa Oliveira Yantis

Louisiana
Community
& Technical
College System

265 South Foster Drive
Baton Rouge, LA 70806

Phone: 225-922-2800
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www.lctcs.edu

LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

TO: Dr. Monty Sullivan
LCTCS President

APPROVED

THROUGH: Dr. René Cintrón *RC*
Chief Academic Affairs Officer

Slk 11/14/18
LCTCS BOARD OF SUPERVISORS

FROM: Dr. Adrienne Fontenot *AF*
Director of Adult Learning and Educational Programs

SUBJECT: Program Requests at South Louisiana Community College (SLCC)

DATE: 10/26/2018

FOR BOARD REVIEW AND ACTION:

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

Program Additions

1. Certificate of Technical Studies (CTS) –Cyber Security Specialist (CIP 110901) - **5 STARS**

Program Revisions

2. Associate of Applied Science (AAS) – Aviation Maintenance Technology (CIP 470608) - **5 STARS**
 - a. Technical Diploma (TD) –Aviation Maintenance Technology (CIP 470608) - **5 STARS**
 - i. Certificate of Technical Studies (CTS) - AMT: Power Plant (CIP 470608) - **5 STARS**
 - ii. Certificate of Technical Studies (CTS) - AMT: Airframe (CIP 470608) - **5 STARS**
 - iii. Certificate of Technical Studies (CTS) -Aviation Maintenance Assistant (CIP 470608) - **5 STARS**
3. Certificate of Technical Studies (CTS) –Survey Technician Assistant (CIP 151102) - **5 STARS**
4. Career and Technical Certificate (CTC) – Emergency Medical Technician (CIP 51.0904) with an IBC in Emergency Medical Technician (EMT) from the National Registry of Emergency Medical Technicians - **5 STARS**

Background: South Louisiana Community College (SLCC) is requesting to add a new Certificate of Technical Studies (CTS) in the Information Technology program. With the



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introduction of elective courses (INTE 1800, INTE 2114 and INTE 2840) students selecting these electives, in addition to 18 credit hours of the regular coursework, will earn this certificate.

The Cyber Security Specialist certificate is designed to prepare students with the knowledge and skills in the areas of computer and network security, ethical hacking, data networking, and computer hardware and support. Students will be able to administer and configure networks while applying cyber security best practices.

This certificate will help to prepare students for an entry-level position in the field of information security, network security technicians, or computer support technicians. Upon completion of coursework, students will have the foundation needed to pursue industry certifications such as: CompTIA A+, CompTIA Network+, CompTIA Linux+, CompTIA Security+, Cisco CCNET, and Cisco CCNA security.

SLCC is requesting to change the name of the CTS in the Aviation program from Airframe Structure Mechanic to Aviation Maintenance Assistant. The name change brings the CTS award in line with course content and industry terminology.

SLCC is requesting to revise the CTS exit point of both the TD and AAS tracks of the Civil, Survey and Mapping program to be moved to the second semester to meet the credit hour requirements of a CTS. CTS exit points must have at least 16 credit hours.

SLCC is requesting to revise the Emergency Medical Technician program. The removal of EMSE 2201 allows students to earn a credential for completion of coursework needed for EMT Certification. EMSE 2201 is needed for Paramedic Certification, while EMSE 1101 and 1201 are the only requirements needed for EMT Certification. The program title change from Emergency Medical Science is to align with current naming practices.

Fiscal Impact: None

History of Prior Actions: In April 2018, SLCC added the new CTC into a new Technical Diploma (TD) and a revised Associate of Applied Science (AAS).

Benefits to the System: According to a recent report released by Intel Security, "Hacking the Skills Shortage," there will be 1 to 2 million unfilled cyber-security jobs worldwide by 2019. The CTS in the Information Technology will help to prepare students for an entry-level position in the field of information security, network security technicians, or computer support technicians.

Approved for Recommendation to the Board
Dr. Monty Sullivan

11-14-18

Date



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

Requests for Programs: New, Modification, and Adoption

TYPE OF PROPOSED CHANGE: Insertion of Certificate Exit point in the existing Information Technology program.		
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification	<input type="checkbox"/> Curriculum Adoption
Program Name: _____		

AWARD LEVEL(S)	
For Board of Regents and LCTCS Review: <input type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree Name: _____ <input type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)	For LCTCS Review: <input type="checkbox"/> Technical Diploma (T.D.) <input type="checkbox"/> Career and Technical Certificate (C.T.C.) <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.)

CIP:110901	Credit Hours:27	Contact Hours:675	Award Level: CTS
Name: Cyber Security Specialist			
CIP:	Credit Hours:	Contact Hours:	Award Level:
Name:			
CIP:	Credit Hours:	Contact Hours:	Award Level:
Name:			
CIP:	Credit Hours:	Contact Hours:	Award Level:

IBC	Issuing Body	Course Title	Course Prefix	Course Number	Credits Awarded

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.

A new Certificate of Technical Studies (CTS) has been created in the Information Technology program. With the introduction of elective courses (INTE 1800, INTE 2114 and INTE 2840) students selecting these electives in addition to 18 credit hours of the regular coursework will earn this certificate.

IMPLEMENTATION DATE (Semester and Year)

Fall 2019

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

N/A.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

The Cyber Security Specialist certificate is designed to prepare students with the knowledge and skills in the areas of computer and network security, ethical hacking, data networking, and computer hardware and support. Students will be able to administer and configure networks while applying cyber security best practices.

This certificate will help to prepare students for an entry-level position in the field of information security, network security technicians, or computer support technicians. Upon completion of coursework, students will have the foundation needed to pursue industry certifications such as: CompTIA A+, CompTIA Network+, CompTIA Linux+, CompTIA Security+, Cisco CCNET, and Cisco CCNA security.

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

5 Stars

4 Stars

3 Stars

2 Stars

1 Star

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION			
<input checked="" type="checkbox"/> Main Campus	<input type="checkbox"/> All Campuses	<input checked="" type="checkbox"/> Sites (list below)	<input type="checkbox"/> Distance Education
Main Campus: Lafayette Campus (Ardoin Bldg.). 1101 Bertrand DR. Lafayette, LA. 70506 Site 1: Young Memorial Campus. 900 Youngs Road. Morgan City, LA 70380. Site 2: Site 3 Site 4:			
QUALIFIED FACULTY (Check all that apply)			
<input checked="" type="checkbox"/> Use Existing Faculty #: <u>3</u>	<input type="checkbox"/> Hire Adjunct Faculty #: _____	<input type="checkbox"/> Hire Full-Time Faculty #: _____	
MINIMUM CREDENTIALS REQUIRED FOR FACULTY:			
All SLCC faculties are credentialed to teach in their respective discipline. Faculty qualifications are in accordance with SACSCOC Standards.			
Education:	Experience:	Certification:	

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS
Department:
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 proposed program will not affect the present administration structure of SLCC. No additional faculties, costs, or facilities are required to offer this certificate.

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
<u>DAY</u>	<u>25+25+25</u>				
<u>EVENING</u>					
<u>DISTANCE EDUCATION</u>					
Describe Process for Attaining & Estimating Enrollment:		<p>Taking a cohort of 25 full time students every fall and spring semester at the Lafayette campus.</p> <p>Taking a cohort of 25 full time students in the spring 2019 at the Young Memorial campus.</p>			

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

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
INTE	1100	Installation & Troubleshooting I	1	2	75	3
INTE	1110	Installation & Troubleshooting II	1	2	75	3
INTE	1200	Operating Systems	1	2	75	3
INTE	2110	Networking Technologies	1	2	75	3

INTE	2010	Introduction to Client/Server Networking	1	2	75	3
INTE	2111	Introduction to Routing & Switching	1	2	75	3
INTE	1800	Introduction to Unix/Linux (INTE Elective)	1	2	75	3
INTE	2840	Managing Network Security (INTE Elective)	1	2	75	3
INTE	2114	Implementing Network Security (INTE Elective)	1	2	75	3
		CTS – Cyber Security Specialist			675	27

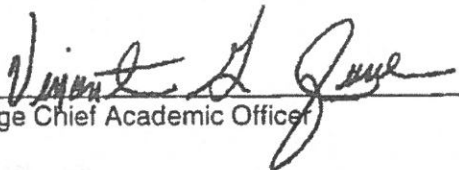
BENEFITS TO THE SYSTEM

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

According to a recent report released by Intel Security called "Hacking the Skills Shortage", there will be 1 million to 2 million unfilled cyber-security jobs worldwide by 2019.

This certificate will help to prepare students for an entry-level position in the field of information security, network security technicians, or computer support technicians. Upon completion of coursework, students will have the foundation needed to pursue industry certifications such as: CompTIA A+, CompTIA Network+, CompTIA Linux+, CompTIA Security+, Cisco CCNET, and Cisco CCNA security.

SIGNATURES:


College Chief Academic Officer

8/23/18
Date


College Chief Executive Officer

8/23/18
Date

FALL START

SEMESTER 1 - Fall				
SFSE 1003	Seminar in First-Year Student Experience	3 Credits	Semester Taken:	Grade Earned:
INTE 1100	Installation & Troubleshooting I (1 st 8 Weeks)	3 Credits	Semester Taken:	Grade Earned:
INTE 1110	Installation & Troubleshooting II (2 nd 8 Weeks)	3 Credits	Semester Taken:	Grade Earned:
INTE 1200	Operating Systems	3 Credits	Semester Taken:	Grade Earned:
INTE 1210	Introduction to Programming	3 Credits	Semester Taken:	Grade Earned:
INTE 2110	Networking Technologies	3 Credits	Semester Taken:	Grade Earned:
	CTS: System Support Technician TOTAL SEMESTER CREDITS	18		
SEMESTER 2 - Spring				
INTE 2010	Introduction to Client/Server Network	3 Credits	Semester Taken:	Grade Earned:
INTE 2020	Server Network Infrastructure	3 Credits	Semester Taken:	Grade Earned:
INTE 2111	Introduction to Routing & Switching	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
	<i>see note 1</i> TOTAL SEMESTER CREDITS	12		
SEMESTER 3 - Summer				
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
	TOTAL SEMESTER CREDITS	6		
SEMESTER 4 - Fall				
INTE 2033	Configuring Advanced Server Services	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
	<i>see note 2</i> TOTAL SEMESTER CREDITS	9		
	Technical Diploma - Information Technology TOTAL DEGREE CREDITS	45		

A grade of "C" or higher is required in all courses.

NOTES:

¹ CTS: Network Administrator is awarded after a student has earned a "C" or higher in the following courses: INTE 1100, 1110, 1200, 2010, 2110, 2211, and an INTE Elective.

² CTS: System Analyst is awarded after a student has earned a "C" or higher in the following courses: INTE 1100, 1110, 1200, 2010, 2020, 2033.

FALL START

SEMESTER 1 - Fall				
SFSE 1003	Seminar in First-Year Student Experience	3 Credits	Semester Taken:	Grade Earned:
INTE 1100	Installation & Troubleshooting I (1 st 8 Weeks)	3 Credits	Semester Taken:	Grade Earned:
INTE 1110	Installation & Troubleshooting II (2 nd 8 Weeks)	3 Credits	Semester Taken:	Grade Earned:
INTE 1200	Operating Systems	3 Credits	Semester Taken:	Grade Earned:
INTE 1210	Introduction to Programming	3 Credits	Semester Taken:	Grade Earned:
INTE 2110	Networking Technologies	3 Credits	Semester Taken:	Grade Earned:
CTS: System Support Technician TOTAL SEMESTER CREDITS		18		
SEMESTER 2 - Spring				
MATH 1105	College Algebra	3 Credits	Semester Taken:	Grade Earned:
INTE 2010	Introduction to Client/Server Network	3 Credits	Semester Taken:	Grade Earned:
INTE 2020	Server Network Infrastructure	3 Credits	Semester Taken:	Grade Earned:
INTE 2111	Introduction to Routing & Switching	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
see note 4 TOTAL SEMESTER CREDITS		15		
SEMESTER 3 - Summer				
ENGL 1010	Rhetoric & Composition	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective- List Course:	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
Social/Behavioral Science see note 1	List Course:	3 Credits	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		12		
SEMESTER 4 - Fall				
INTE 2033	Configuring Advanced Server Services	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
INTE XXXX	Major Elective - List Course:	3 Credits	Semester Taken:	Grade Earned:
Humanities see note 2	List Course:	3 Credits	Semester Taken:	Grade Earned:
Natural/Physical Science see note 3	List Course:	3 Credits	Semester Taken:	Grade Earned:
see note 5 TOTAL SEMESTER CREDITS		15		
Associate of Applied Science - Information Technology TOTAL DEGREE CREDITS		60		

A grade of "C" or higher is required in all courses.

NOTES:

¹ Choose from Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCL).

² Choose from History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.

³ Choose from Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).



**LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE
SYSTEM**

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE	
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification

AWARD LEVEL(S)	
Award Level(s): <input type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree	<input type="checkbox"/> Technical Diploma (T.D.) <input type="checkbox"/> Technical Competency Area (T.C.A.) <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.) <input type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: CTS: Aviation Maintenance Assistant (Change from Airframe Structure Mechanic)			
CIP: 470608	Credit Hours: 21	Contact Hours:	Award Level: CTS
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.)
Program Name Change – All courses remain the same in the CTS. It will not effect course material, clock hours, or credit hours.

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

The changes brings the name in line with course content taught, industry terminology and job posting.

IMPLEMENTATION DATE (Semester and Year)

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION

Main Campus

All Campuses

Sites (list below)

Site 1:

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

Hire Adjunct Faculty

Hire Full-Time Faculty

#:

#:

#: _____

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Masters

Experience: 1 year of teaching online

Certification: Online Quality Matters/Online Learning Consortium Certificate

ANTICIPATED ENROLLMENT:

Students	Year One	Year Two	Year Three	Year Four	Year Five

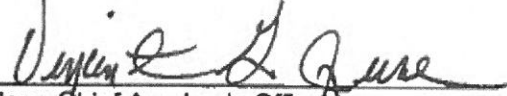
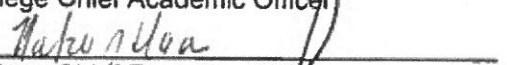
PROGRAM ACCREDITATION:	
Is Program Accreditation, Licensure or Certification Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	If YES, please provide projected accreditation/licensure/certification date:
Type/Name of Program Accreditation, Licensure or Certification Required:	

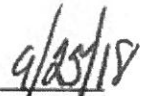
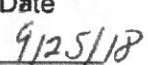
DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.)

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)						
Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester						
AVMT	1107	Aviation Fundamentals I	3	4	225	7
AVMT	1207	Aviation Fundamentals II	3	4	225	7
AVMT	1307	Aviation Fundamentals III	3	4	225	7
		TOTAL	9	12	675	21
Second Semester						

			TOTAL			
Third Semester						
			TOTAL			
Fourth Semester						
			TOTAL			

SIGNATURES:


College Chief Academic Officer

College Chief Executive Officer


Date

Date

General Courses				
AVMT 1107	Aviation Fundamentals I	7 Credits	Semester Taken:	Grade Earned:
AVMT 1207	Aviation Fundamentals II	7 Credits	Semester Taken:	Grade Earned:
AVMT 1307	Aviation Fundamentals III	7 Credits	Semester Taken:	Grade Earned:
	see note 3 TOTAL SEMESTER CREDITS	21		
Airframe Courses				
AVMT 2107	Airframe Maintenance Technology I	7 Credits	Semester Taken:	Grade Earned:
AVMT 2207	Airframe Maintenance Technology II	7 Credits	Semester Taken:	Grade Earned:
AVMT 2307	Airframe Maintenance Technology III	7 Credits	Semester Taken:	Grade Earned:
	see note 4 TOTAL SEMESTER CREDITS	21		
Powerplant Courses				
AVMT 2407	Reciprocation Powerplants	7 Credits	Semester Taken:	Grade Earned:
AVMT 2507	Turbine Powerplants	7 Credits	Semester Taken:	Grade Earned:
AVMT 2607	Powerplants Systems	7 Credits	Semester Taken:	Grade Earned:
	see note 5 TOTAL SEMESTER CREDITS	21		
General Education Courses				
ENGL 1010	Rhetoric & Composition	3 Credits	Semester Taken:	Grade Earned:
MATH 1105	College Algebra	3 Credits	Semester Taken:	Grade Earned:
Humanities see note 1	List Course:	3 Credits	Semester Taken:	Grade Earned:
Social/Behavioral Science see note 2	List Course:	3 Credits	Semester Taken:	Grade Earned:
Physical Science	PHSC 1000 or PHYS 2070	3 Credits	Semester Taken:	Grade Earned:
	TOTAL SEMESTER CREDITS	15		
Associate of Applied Science - Aviation Maintenance Technology		78		
TOTAL DEGREE CREDITS				

A grade of "C" or higher is required in all courses.

NOTES:

¹ Choose from History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.

² Choose from Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCI).

³ CTS: AMT: Aviation Maintenance Assistant is awarded after a student has earned a "C" or higher in the following courses: AVMT 1107, 1207, and 1307.

⁴ CTS: AMT: Airframe is awarded after a student has earned a "C" or higher in the following courses: AVMT 1107, 1207, 1307, 2107, 2207, and 2307.

⁵ CTS: AMT: Powerplant is awarded after a student has earned a "C" or higher in the following courses: AVMT 1107, 1207, 1307, 2407, 2507, and 2607.

Note: TD is awarded after a student has earned a "C" or higher in the following courses: AVMT 1107, 1207, 1307, 2107, 2207, 2307, 2407, 2507, and 2607.



**LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE
SYSTEM**

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE	
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification

AWARD LEVEL(S)	
Award Level(s): <input type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree	<input type="checkbox"/> Technical Diploma (T.D.) <input type="checkbox"/> Technical Competency Area (T.C.A.) <input type="checkbox"/> Certificate of Technical Studies (C.T.S.) <input type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.) <input checked="" type="checkbox"/> Career and Technical Certificate

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: CTC Emergency Medical Technician (Change from Emergency Medical Science)			
CIP:51.0904	Credit Hours:10	Contact Hours: 15	Award Level: CTC
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.)
Removal of A & P (EMSE 2201) from the CTC.

REASON/JUSTIFICATION FOR THE PROPOSED CHANGE (Include support such as four-year university agreements, industry demand, advisory board information, etc.)
EMSE 1101 and 1201 are the only requirements needed for the EMT Certificate. The A&P course is needed for Paramedic and should not have been included in the original CTC proposal.

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IMPLEMENTATION DATE (Semester and Year)	
--	--

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION		
<input type="checkbox"/> Main Campus	<input type="checkbox"/> All Campuses	<input checked="" type="checkbox"/> Sites (list below)
Site 1: ALL NEMSA Sites		
Site 2:		
Site 3		
Site 4:		

LOUISIANA WORKFORCE COMMISSION STAR LEVEL (http://www.laworks.net/Stars/)				
<input type="checkbox"/> 5 Stars	<input type="checkbox"/> 4 Stars	<input type="checkbox"/> 3 Stars	<input type="checkbox"/> 2 Stars	<input type="checkbox"/> 1 Star

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)		
<input checked="" type="checkbox"/> Use Existing Faculty #: _____	<input type="checkbox"/> Hire Adjunct Faculty #: _____	<input type="checkbox"/> Hire Full-Time Faculty #: _____
MINIMUM CREDENTIALS REQUIRED FOR FACULTY		
Education: Masters	Experience: 1 year of teaching online	Certification: Online Quality Matters/Online Learning Consortium Certificate

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
Describe Process for Attaining & Estimating Enrollment:					

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

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)						
Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester						
EMSE	1101	Basic Emergency Care	108 6	0	90	6
EMSE	1201	Basic Clinical and Field Internship	123 3	100 1	105	4
		TOTAL	109	1	195	10
Second Semester						

			TOTAL			
Third Semester						
			TOTAL			
Fourth Semester						
			TOTAL			

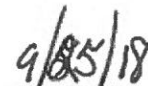
SIGNATURES:



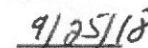
College Chief Academic Officer



College Chief Executive Officer



Date



Date

SEMESTER 1

EMSE 1101	Basic Emergency Care	6 Credits	Semester Taken:	Grade Earned:
EMSE 1201	Basic Clinical & Field Internship	4 Credits	Semester Taken:	Grade Earned:
	*CTC Emergency Medical Technician			
EMSE 2201	Anatomy and Physiology for Paramedics	5 Credits	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		15		
NREMT Certification required to continue to the second semester of the program.				

SEMESTER 2

ENGL 1010	Rhetoric and Composition	3 Credits	Semester Taken:	Grade Earned:
EMSE 2011	Introduction to Advanced Care I	3 Credits	Semester Taken:	Grade Earned:
EMSE 2021	Introduction to Advanced Care II	4 Credits	Semester Taken:	Grade Earned:
EMSE 2040	Medical Emergencies I	4 Credits	Semester Taken:	Grade Earned:
EMSE 2091	Clinical Experience	1 Credit	Semester Taken:	Grade Earned:
EMSE 2120	Field Internship I	1 Credit	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		16		

SEMESTER 3

EMSE 2051	Medical Emergencies II	2 Credits	Semester Taken:	Grade Earned:
EMSE 2071	Special Populations	2 Credits	Semester Taken:	Grade Earned:
EMSE 2061	Trauma	2 Credits	Semester Taken:	Grade Earned:
EMSE 2081	Operations	2 Credits	Semester Taken:	Grade Earned:
EMSE 2101	Clinical Experience II	3 Credits	Semester Taken:	Grade Earned:
EMSE 2130	Field Internship II	1 Credit	Semester Taken:	Grade Earned:
Social/Behavioral Science ^{see note 1}		3 Credits	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		15		

SEMESTER 4

MATH 1105	College Algebra	3 Credits	Semester Taken:	Grade Earned:
EMSE 2110	Clinical Experience III	2 Credits	Semester Taken:	Grade Earned:
EMSE 2141	Field Internship III	2 Credits	Semester Taken:	Grade Earned:
EMSE 2151	Capstone	4 Credits	Semester Taken:	Grade Earned:
Humanities ^{see note 2}		3 Credits	Semester Taken:	Grade Earned:
Natural/Physical Science ^{see note 3}		3 Credits	Semester Taken:	Grade Earned:
TOTAL SEMESTER CREDITS		17		
Associate of Applied Science - Emergency Medical Technology: Paramedic		63		
TOTAL DEGREE CREDITS				

A grade of "C" or higher is required in all courses.

NOTES:

¹ Choose from Anthropology (ANTH), Criminal Justice (CJUS), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCL).

² Choose from History (HIST), English (ENGL 2XXX) except ENGL 2045 and 2070, or Communications (CMCN) except CMCN 1170, 1270, and 2145.

³ Choose from Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).

*Currently Pending Board Approval.

This degree plan is an academic planning resource. The applicable edition of the college catalog is the official source for all degree requirements. The college reserves the right to change, modify, or alter this resource without notice. The college strongly encourages students to consult their advisors for questions regarding degree completion. OAA9/18



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE	
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification

AWARD LEVEL(S)	
Award Level(s): <input type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree	<input type="checkbox"/> Technical Diploma (T.D.) <input type="checkbox"/> Technical Competency Area (T.C.A.) <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.) <input type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: Survey Technician Assistant			
CIP: 151102	Credit Hours: 17	Contact Hours: 205	Award Level: CTS
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.)
CTS exit point of both TD and AAS tracks to be moved to second semester to meet credit hour requirements of CTS.

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

CTS exit points must have at least 16 credit hours.

IMPLEMENTATION DATE (Semester and Year)

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION

Main Campus All Campuses Sites (list below)

Site 1:

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 Hire Adjunct Faculty Hire Full-Time Faculty

#: #: #:

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Masters	Experience: 1 year of teaching online	Certification: Online Quality Matters/Online Learning Consortium Certificate
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ANTICIPATED ENROLLMENT:

Students	Year One	Year Two	Year Three	Year Four	Year Five

ANTICIPATED ENROLLMENT:	
Describe Process for Attaining & Estimating Enrollment:	

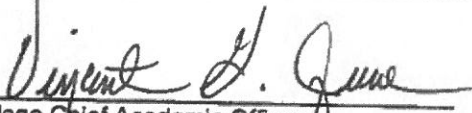
PROGRAM ACCREDITATION:	
Is Program Accreditation, Licensure or Certification Required?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	If YES, please provide projected accreditation/licensure/certification date:
Type/Name of Program Accreditation, Licensure or Certification Required:	

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)						
Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester						
		TOTAL				

Second Semester						
			TOTAL			
Third Semester						
			TOTAL			
Fourth Semester						
			TOTAL			

SIGNATURES:



 College Chief Academic Officer
10/1/18

9/25/18
 Date
9/25/18

College Chief Executive Officer

Date

SOUTH LOUISIANA COMMUNITY COLLEGE
CIVIL, SURVEY, & MAPPING
Technical Diploma



COURSE NUMBER	COURSE TITLE	LECTURE HOURS	LAB HOURS	TOTAL CREDIT HOURS	CLOCK HOURS	
SEMESTER 1						
CIVL 1120	SURVEYING I LECTURE	3	0	3	45	
CIVL 1121	SURVEYING I LAB	0	2	1	30	
CIVL 1240	APPLIED TRIG FOR C,S, M	3	0	3	45	
CIVL 1430	LEGAL PRINCIPLES OF SURVEYING	3	0	3	45	
CIVL 1480	REAL PROPERTY/ LAND DEVELOPMENT	3	0	3	45	
TOTAL				13		
SEMESTER 2						
CIVL 1220	SURVEYING II LECTURE	3	0	3	45	
CIVL 1221	SURVEYING II LAB	0	2	1	30	
exit point	CTS: Survey Technician Assistant			17		
CIVL 1330	LA SURVEY LAW	2	0	2	30	
CIVL 1441	COMPUTER AIDED DRAFTING	0	4	2	60	
CIVL 1470	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS	3	0	3	45	
TOTAL				11		
SEMESTER 3						
CIVL 1320	SURVEYING III LECTURE	3	0	3	45	
CIVL 1321	SURVEYING III LAB	0	2	1	30	
CIVL 2560	HYDROGRAPHIC SURVEYING	3	0	3	45	
CIVL 2620	USPLS	3	0	3	45	
TOTAL				10		
SEMESTER 4						
CIVL 1413	SURVEYING IV LECTURE	3	0	3	45	
CIVL 1411	SURVEYING IV LAB	0	2	1	30	
CIVL 1420	REMOTE SENSING	1	2	2	45	
CIVL 2520	ADVANCED SURVEY PRACTICE	0	4	2	60	
TOTAL				8		
Technical Diploma Civil, Survey, & Mapping				PROGRAM TOTAL	45	765

SOUTH LOUISIANA COMMUNITY COLLEGE
CIVIL, SURVEY, & MAPPING
 Associate of Applied Science



COURSE NUMBER	COURSE TITLE	LECTURE HOURS	LAB HOURS	TOTAL CREDIT HOURS	CLOCK HOURS	
SEMESTER 1						
ENGL 1010	RHETORIC AND COMPOSITION	3	0	3	45	
CIVL 1120*	SURVEYING I LECTURE	3	0	3	45	
CIVL 1121*	SURVEYING I LAB	0	2	1	30	
CIVL 1240*	APPLIED TRIG FOR C, S, M	3	0	3	45	
CIVL 1430*	LEGAL PRINCIPLES OF SURVEYING	3	0	3	45	
CIVL 1480*	REAL PROPERTY/ LAND DEVELOPMENT	3	0	3	45	
TOTAL				16		
SEMESTER 2						
CIVL 1220*	SURVEYING II LECTURE	3	0	3	45	
CIVL 1221*	SURVEYING II LAB	0	2	1	30	
<u>Exit point*</u>	<u>CTS-Survey Technician Assistant*</u>			17*		
CIVL 1330	LA SURVEY LAW	2	0	2	30	
CIVL 1441	COMPUTER AIDED DRAFTING	0	4	2	60	
CIVL 1470	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEM*	3	0	3	45	
MATH 1105	COLLEGE ALGEBRA	3	0	3	45	
TOTAL				14		
SEMESTER 3						
CIVL 1320	SURVEYING III LECTURE	3	0	3	45	
CIVL 1321	SURVEYING III LAB	0	2	1	30	
CIVL 2560	HYDROGRAPHIC SURVEYING	3	0	3	45	
CIVL 2620	USPLS	3	0	3	45	
Social/Behavioral Sci		3	0	3	45	
PHSC 1000 or PHYS 2070		3	0	3	45	
TOTAL				16		
SEMESTER 4						
CIVL 1413	SURVEYING IV LECTURE	3	0	3	45	
CIVL 1411	SURVEYING IV LAB	0	2	1	30	
CIVL 1420	REMOTE SENSING	1	2	2	45	
CIVL 2520	ADVANCED SURVEY PRACTICE	0	4	2	60	
CIVL 2003	ADVANCED CAPSTONE	3	0	3	45	
HUMANITIES		3	0	3	45	
TOTAL				14		
Associate of Applied Science - Civil, Survey, & Mapping				PROGRAM TOTAL	60	1035