

Changing Lives,
Creating Futures

Monty Sullivan
System President

Officers:
Stephen Toups
Chair

Paul Price, Jr.
First Vice Chair

Willie L. Mount
Second Vice Chair

Members:
Tari T. Bradford
Helen Bridges Carter
Timothy W. Hardy
Alterman L. "Chip" Jackson
Erika McConduit
Michael J. Murphy
Joe Potts
Stanton W. Salathe
Stephen C. Smith
Mark D. Spears, Jr.
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
Fax: 225-922-1185

www.lctcs.edu

LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

TO: Dr. Monty Sullivan
LCTCS President

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

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

SUBJECT: Program Requests at South Louisiana Community College

DATE: 01/23/2019

FOR BOARD ACTION:

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

Program Modifications

1. Associate of Applied Science (AAS) –Technical Studies, Industrial Marine Electronics Technology Concentration (CIP 47.0616) –**2 STARS**
2. Technical Diploma (TD) – Industrial Marine Electronics Technology (CIP 47.0616) –**2 STARS**
3. Technical Diploma (TD) AMT: Airframe/Powerplant (CIP 47.0608) to Aviation Maintenance Technology (CIP 47.0608) –**5 STARS**

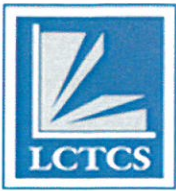
Program Deletions

4. Certificate of Technical Studies (CTS) Industrial Marine Electronics Technician (CIP 47.0616) –**2 STARS**
 - a. Technical Competency Area (TCA) Electronics Helper I (CIP 47.0616) –**2 STARS**
 - b. Technical Competency Area (TCA) Electronics Helper II (CIP 47.0616) –**2 STARS**

Background: South Louisiana Community College is requesting approval to amend the Industrial Marine Electronics program which was adopted from the South Central Louisiana Technical College merger. Since the merger, the program was reevaluated. Clock Hours were adjusted for each course creating credit adjustments. Courses were renamed to better identify the content, and some content was combined to create one course instead of two. The old curriculum was 45 credit hours and 1690 clock hours, and the new program is 45 credit hours and 930 clock hours. Clock hours were adjusted to

APPROVED

Sk 2/13/19
LCTCS BOARD OF SUPERVISORS



**Changing Lives,
Creating Futures**

Monty Sullivan
System President

Officers:

Stephen Toups
Chair

Paul Price, Jr.
First Vice Chair

Willie L. Mount
Second Vice Chair

Members:

- Tari T. Bradford
- Helen Bridges Carter
- Timothy W. Hardy
- Alterman L. "Chip" Jackson
- Erika McConduit
- Michael J. Murphy
- Joe Potts
- Stanton W. Salathe
- Stephen C. Smith
- Mark D. Spears, Jr.
- 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
Fax: 225-922-1185

www.lctcs.edu

more accurately reflect the amount of time spent in each course and align with the SLCC credit hour policy.

SLCC is requesting to add the Technical Diploma in Industrial Marine Electronics Technology Concentration to the Associate of Applied Science (AAS) in Technical Studies. This offers students general studies courses along with a stacked degree in the area. The restructuring of the program makes the CTS and TCAs no longer applicable.

SLCC is requesting a change from AMT: Airframe/Powerplant to Aviation Maintenance Technology (CIP 47.0608) to align with the TD and AAS awards more clearly.

Fiscal Impact: No additional costs are associated with the proposed changes.

History of Prior Actions: These are the first changes to the Industrial Marine Electronics program made by SLCC.

Benefits to the System: The changes will bring the Industrial Marine Electronics program in line with SLCC policy on defining credit hours. The rearrangement and combining of classes will adapt the program to reflect industry practices.

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

2-13-19

Date

Industrial Marine Electronics Technology - 01/10/2019

TYPE OF PROPOSED CHANGE : Curriculum Modification			
PROGRAM NAME : Industrial Marine Electronics Technology			
AWARD LEVEL(S)			
For Board of Regents and LCTCS Review:		For LCTCS Review:	
Name:		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 : 5 Stars			
Name: Industrial Marine Electronics Technology		Program Delivery Mode: Standard	
CIP: 470616	Credit Hours: 45.00	Contact Hours: 930.00	Technical Diploma (T.D.)
Name:		Program Delivery Mode:	
CIP:	Credit Hours: 0.00	Contact Hours: 0.00	Technical Diploma (T.D.)
Stars : 5 Stars			
Name:		Program Delivery Mode:	
CIP:	Credit Hours: 0.00	Contact Hours: 0.00	Certificate of Technical Studies (C.T.S.)

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.

This program was adopted from the SCLTC merger. The program was reevaluated. Clock Hours were reevaluated and adjusted for each course creating credit adjustments. Courses were renamed to better identify the content and some content was combined to create one course instead of two. The old curriculum was 45 credit hours and 1690 clock hours and the new program is 45 credits and 930 clock hours.

IMPLEMENTATION DATE (Semester and Year)	Fall 2019
--	-----------

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:

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

Clock hours were adjusted to more accurately reflect the amount of time spent in each course and the align with the SLCC defining credit hour policy.

HISTORY OF PRIOR ACTIONS
Provide an overview of changes to this program.

This program was adopted in the merger between SCLTC and SLCC. These are the first changes to the program made by SLCC.

QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty: No # - Full Time: 0 # - Part Time: 0	Hire Adjunct Faculty: No # - 0	Hire Full-Time Faculty: No # - 0
---	--	--

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: Associate	Experience:	Certification:
-----------------------------	--------------------	-----------------------

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.

No additional costs are associated with the proposed changes.

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : STEM Division

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY					
EVENING					
DISTANCE EDUCATION					
Describe Process for Attaining & Estimating Enrollment:					
PROGRAM ACCREDITATION:					
Is Program Accreditation, Licensure or Certification Required?	No				
	Accreditation status: N/A				
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. 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
Program, Degree or Concentration: Industrial Marine Electronics Technology					Credit Hours: 45.00		
Semester: Semester 1					Credit Hours: 16.00		
IMEL	1005	Direct Current Circuits	2.00	6.00	120.00	5.00	0.00
IMEL	1105	Alternating Current Circuits	2.00	6.00	120.00	5.00	0.00
IMEL	1206	Semiconductors and Transistor Circuits	4.00	4.00	120.00	6.00	0.00
Semester: Semester 2					Credit Hours: 16.00		
IMEL	1307	Digital Circuits	4.00	6.00	150.00	7.00	0.00
IMEL	1406	Industrial Marine Hydraulics	4.00	4.00	120.00	6.00	0.00
IMEL	1503	Motor Controls	2.00	2.00	60.00	3.00	0.00
Semester: Semester 3					Credit Hours: 13.00		
IMEL	1603	Programmable Logic Controllers	2.00	2.00	60.00	3.00	0.00
IMEL	1705	Remote Operated Vehicle	4.00	2.00	90.00	5.00	0.00
IMEL	1805	Advanced Remote Operated Vehicles	4.00	2.00	90.00	5.00	0.00
Program, Degree or Concentration: CTS: Electronics Technician					Credit Hours: 16.00		
IMEL	1005	Direct Current Circuits	2.00	6.00	120.00	5.00	0.00
IMEL	1105	Alternating Current Circuits	2.00	6.00	120.00	5.00	0.00
IMEL	1206	Semiconductors and Transistor Circuits	4.00	4.00	120.00	6.00	0.00
Program, Degree or Concentration: CTS: Industrial Marine Electronics and Hydraulics Technician					Credit Hours: 16.00		
IMEL	1307	Digital Circuits	4.00	6.00	150.00	7.00	0.00
IMEL	1406	Industrial Marine Hydraulics	4.00	4.00	120.00	6.00	0.00
IMEL	1503	Motor Controls	2.00	2.00	60.00	3.00	0.00
Program, Degree or Concentration: CTS: Two-Way Technician					Credit Hours: 18.00		
IMEL	2100	Two-Way Receivers	0.00	0.00	0.00	6.00	0.00
IMEL	2120	Two-Way Transmitters	0.00	0.00	0.00	6.00	0.00
IMEL	2130	Two-Way Computer Applications	0.00	0.00	0.00	6.00	0.00

IMEL, Industrial Marine Technology, TD

BENEFITS TO THE SYSTEM

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

The changes will bring the IMEL program inline with SLCC policy on defining credit hours and the rearrangement and combining of classes will adapted the program to reflect industry practices.

KEYWORDS

Associate of Applied Science - Technical Studies - 01/10/2019

TYPE OF PROPOSED CHANGE : Curriculum Modification	
PROGRAM NAME : Associate of Applied Science - Technical Studies	
AWARD LEVEL(S)	
For Board of Regents and LCTCS Review: Associate of Applied Science (A.A.S.) Name: Technical Studies	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: Associate of Applied Science Technical Studies	Program Delivery Mode: Standard
CIP: 479999	Credit Hours: 60.00
Contact Hours: 1155.00	Associate of Applied Science (A.A.S.)
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.	
Add the Technical Diploma in Industrial Marine Electronics Technology Concentration to the AAS Technical Studies	
IMPLEMENTATION DATE (Semester and Year)	Fall 2018
HISTORY OF PRIOR ACTIONS	
Provide an overview of changes to this program.	
The technical diploma in IMEL is currently submitted for revision. This is the first AAS request for IMEL.	
JUSTIFICATION FOR THE PROPOSED CHANGE	
Include support such as four-year university agreements, industry demand, advisory board information, etc.	

Offers students general studies courses and a stacked degree in the area.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:

QUALIFIED FACULTY (Check all that apply)		
Use Existing Faculty: No # - Full Time: 0 # - Part Time: 0	Hire Adjunct Faculty: No # - 0	Hire Full-Time Faculty: No # - 0
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: Master's for Gen Ed	Experience:	Certification:
FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS		
Department : Business, IT and Workforce/STEM		
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 degree option is available through our Technical Studies degree.		
ANTICIPATED ENROLLMENT:		

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY					
EVENING					

DISTANCE EDUCATION					
---------------------------	--	--	--	--	--

Describe Process for Attaining & Estimating Enrollment:

PROGRAM ACCREDITATION:

Is Program Accreditation, Licensure or Certification Required? No
Accreditation status:

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. 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
---------------------	----------------------	---------------------	----------------------	------------------	----------------------	---------------------	-----------------------

Program, Degree or Concentration: See attached Sheet **Credit Hours:** 60.00

BENEFITS TO THE SYSTEM

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

Broadens opportunities for our students.

KEYWORDS

AAS Technical Studies, IMEL