

LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

APPROVED

80k 6/13/18
LCTCS BOARD OF SUPERVISORS

TO: Dr. Monty Sullivan
LCTCS President

THROUGH: Dr. René Cintrón
Chief Academic Affairs Officer

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

SUBJECT: Program Revisions at Central Louisiana Technical Community
College (CLTCC)

DATE: 05/25/2018

FOR BOARD ACTION:

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

Program Additions

- I. Certificate of Technical Studies (CTS) – Engine Technician (CIP 47.0604) – **4 Stars**
 - a. Career and Technical Certificate (CTC) in Engine Repair Technician with an IBC in Engine Repair from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**
 - b. Career and Technical Certificate (CTC) in Automatic Transmission and Transaxle Technician with an IBC in Automatic Transmission/Transaxle from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**
 - c. Career and Technical Certificate (CTC) in Manual Drive Train Technician with an IBC in Manual Drive Train and Axles from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**
 - d. Career and Technical Certificate (CTC) in Steering, Suspension, and Brake Technician with an IBC in Suspension & Steering and Brakes from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**
 - e. Career and Technical Certificate (CTC) in Electrical Technician with an IBC in Electrical/Electronic Systems from Automotive Service Excellence (ASE) (CIP 47.604) – **4 Stars**
 - f. Career and Technical Certificate (CTC) in Heating and Air Technician with an IBC in Heating and Air Conditioning from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**

*Changing Lives,
Creating Futures*

Monty Sullivan
System President

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Louisiana
Community
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College System

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www.lctcs.edu

- g. Career and Technical Certificate (CTC) in Engine Performance Technician with an IBC in Engine Performance from Automotive Service Excellence (ASE) (CIP 47.0604) – **4 Stars**

Program Terminations

- 2. Certificate of Technical Studies (CTS) – Power Train (CIP 47.0604) – **4 Stars**
- 3. Certificate of Technical Studies (CTS) – Electrical Technician (CIP 47.0604) – **4 Stars**
 - a. Technical Competency Area (TCA) – Electrical Technician
- 4. Certificate of Technical Studies (CTS) – Engine Performance Technician (CIP 47.0604) – **4 Stars**
 - a. Technical Competency Area (TCA) – Engine Performance Technician (CIP 47.0604) – **4 Stars**
- 5. Technical Competency Area (TCA) – Engine Repair Technician (CIP 47.0604) – **4 Stars**
- 6. Technical Competency Area (TCA) – Automatic Transmission and Transaxle Technician (CIP 47.0604) – **4 Stars**
- 7. Technical Competency Area (TCA) – Manual Drive Train Technician (CIP 47.0604) – **4 Stars**
- 8. Technical Competency Area (TCA) – Steering and Suspension Technician (CIP 47.0604) – **4 Stars**
- 9. Technical Competency Area (TCA) – Brake Technician (CIP 47.0604) – **4 Stars**
- 10. Technical Competency Area (TCA) – Heating and Air Technician (CIP 47.0604) – **4 Stars**

Background: CLTCC is requesting to replace the Technical Competency Area (TCA) exit points of the Automotive Technology program with CTCs per LCTCS Policy 1.024 and Louisiana Board of Regents’ Academic Affairs Policy 2.15. The TD is not changing and will remain at 60 credit hours/1740 clock hours. This program revision includes an embedded Industry Based Credentials (IBCs).

Fiscal Impact: No additional cost will be incurred as a result of the addition of the Career and Technical Certificate (CTC).

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

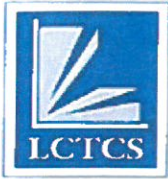
Benefits to the System: The revisions will help with the delivery of the program. The addition of the CTCs will allow CLTCC to recognize student achievement levels.



Approved for Recommendation to the Board
Dr. Monty Sullivan

6-13-18

Date



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

Requests for Programs: New, Modification, and Adoption

TYPE OF PROPOSED CHANGE		
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification	<input type="checkbox"/> Curriculum Adoption
Program Name: Automotive Technology		

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 checked="" type="checkbox"/> Technical Diploma (T.D.) <input checked="" type="checkbox"/> Career and Technical Certificate (C.T.C.) <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.)

Name: AUTOMOTIVE TECHNICIAN			
CIP: 47.604	Credit Hours: 60	Contact Hours: 1740	Award Level: T.D.
Name: ENGINE TECHNICIAN			
CIP: 47.604	Credit Hours: 20	Contact Hours: 600	Award Level: C.T.S.
Name: ELECTRICAL TECHNICIAN			
CIP: 47.604	Credit Hours: 12	Contact Hours: 360	Award Level: C.T.C
Name: ENGINE PERFORMANCE TECHNICIAN			
CIP: 47.604	Credit Hours: 15	Contact Hours: 450	Award Level: C.T.C
Name: ENGINE REPAIR TECHNICIAN			
CIP: 47.604	Credit Hours: 7	Contact Hours: 210	Award Level: C.T.C

Name: STEERING, SUSPENSION & BRAKE TECHNICIAN			
CIP: 47.604	Credit Hours: 12	Contact Hours: 360	Award Level: C.T.C.
Name: HEATING & AIR CONDITIONING TECHNICIAN			
CIP: 47.604	Credit Hours: 7	Contact Hours: 210	Award Level: C.T.C.
Name: AUTOMATIC TRANSMISSION & TRANSAXLE TECHNICIAN			
CIP: 47.604	Credit Hours: 7	Contact Hours: 210	Award Level: C.T.C.
Name: MANUAL DRIVE TRAIN TECHNICIAN			
CIP: 47.604	Credit Hours: 7	Contact Hours: 210	Award Level: C.T.C.

IBC	Issuing Body	Award Level	Credits Awarded
1-Suspension and Steering 2-Brakes	ASE	CTC - Steering, Suspension & Brake Technician	12
Electrical/Electronic Systems	ASE	CTC - Electrical Technician	12
Engine Performance	ASE	CTC - Engine Performance Technician	15
Engine Repair	ASE	CTC - Engine Repair Technician	7
Automatic Transmission/ Transaxle	ASE	CTC - Automatic Transmission & Transaxle Technician	7
Manual Drive Train and Axles	ASE	CTC - Manual Drive Train Technician	7
Heating and Air Conditioning	ASE	CTC - Heating & Air Conditioning Technician	7

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.

There is no change in the TD's content, clock hours or credit hours. Eight TCAs are being eliminated. Three CTS are being eliminated. There are being replaced by seven CTCs and one CTS.

1) Elimination of TCA's

TCA – ENGINE REPAIR TECHNICIAN
 TCA – AUTOMATIC TRANSMISSION & TRANSAXLE TECHNICIAN
 TCA – MANUAL DRIVE TRAIN TECHNICIAN
 TCA – STEERING & SUSPENSION TECHNICIAN
 TCA – BRAKE TECHNICIAN
 TCA – ELECTRICAL TECHNICIAN
 TCA – HEATING & AIR CONDITIONING TECHNICIAN
 TCA – ENGINE PERFORMANCE TECHNICIAN

2) Elimination of CTS's

CTS – ELECTRICAL TECHNICIAN
 CTS – POWER TRAIN TECHNICIAN
 CTS –ENGINE PERFORMANCE TECHNICIAN

3) Addition of CTC's

CTC – ENGINE REPAIR TECHNICIAN
 CTC – AUTOMATIC TRANSMISSION & TRANSAXLE TECHNICIAN
 CTC – MANUAL DRIVE TRAIN TECHNICIAN
 CTC – STEERING, SUSPENSION & BRAKE TECHNICIAN
 CTC – ELECTRICAL TECHNICIAN
 CTC – HEATING & AIR CONDITIONING TECHNICIAN
 CTC – ENGINE PERFORMANCE TECHNICIAN

4) Addition of CTS's

CTS – ENGINE TECHNICIAN

IMPLEMENTATION DATE (Semester and Year)	Fall 2018
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HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

There have been no recent actions.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

Changes in the skills required by graduates prompted a review of the curriculum.

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

Main Campus
 All Campuses
 Sites (list below)
 Distance Education

Site 1: Lamar Salter Campus, 15014 Lake Charles Highway, Leesville, LA 71446
 Site 2: Raymond Laborde Correctional Center, 1630 Prison Road, Cottonport, LA 71327
 Site 3:
 Site 4:

QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty
 Hire Adjunct Faculty
 Hire Full-Time Faculty

#: 2 #: _____ #: _____

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: TD Experience: 5 years Certification: ASE Master

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department: No administrative change

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 cost will be incurred as a result of the program modification and additions of the Career and Technical Certificates (CTC).

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	<u>37</u>	<u>40</u>	<u>42</u>	<u>44</u>	<u>44</u>
EVENING					
DISTANCE EDUCATION					
Describe Process for Attaining & Estimating Enrollment:	Anticipated enrollment is based on current enrollment and enrollment trends.				

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: 3/2007
Type/Name of Program Accreditation, Licensure or Certification Required:	NATEF (67) is required by the Board of Regents

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
ORNT	1000	Freshman Seminar	15	0	15	1
CPTR	1000	Introduction to Computers	15	30	45	2
AUTO	1000	Intro to Automotive Technology	0	60	60	2
AUTO	1010	General Electric/Electronic	0	150	150	5
AUTO	1020	Advanced Electric/Electronic I	0	90	90	3
AUTO	1030	Advanced Electric/Electronic II	0	60	60	2
AUTO	1105	General Engine Performance & Drivability	0	150	150	5

AUTO	1115	Advanced Engine Performance & Drivability I	0	90	90	3
AUTO	1125	Advanced Engine Performance & Drivability II	0	60	60	2
AUTO	1135	Computerized Engine Controls Diagnosis & Repair	0	90	90	3
AUTO	1205	Engine Repair (Mechanical)	0	150	150	5
AUTO	1305	Steering & Suspension	0	150	150	5
AUTO	1315	Manual Hydraulic Disc & Drum Brakes and Power Assist	0	90	90	3
AUTO	1325	ABS & Traction Control System	0	60	60	2
AUTO	1405	Heating & Air Conditioning	0	150	150	5
AUTO	1505	Automatic Transmission & Transaxle in Vehicle	0	90	90	3
AUTO	1515	Automatic Transmission & Transaxle off Vehicle	0	60	60	2
AUTO	1605	Manual Drive Train, Clutch, Drive Axles	0	150	150	5
JOBS	2450	Job Seeking Skills	30	0	30	2

BENEFITS TO THE SYSTEM

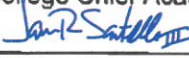
Discuss how this change will benefit your students, your community, and the LCTCS.

The modifications will help with the delivery of the program. The addition of the CTCs will allow the CLTCC to recognize student achievement levels.

SIGNATURES:



College Chief Academic Officer



College Chief Executive Officer

5/17/18
Date

5-18-18
Date