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Creating Futures*

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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
Chief Academic Affairs Officer

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

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

DATE: 11/26/2018

FOR BOARD REVIEW AND ACTION:

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

Program Additions

1. Career and Technical Certificate (CTC) – OPET Technician I (CIP 47.0606) with an IBC in Four Stroke Engine from the Equipment and Engine Training Council (EETC) - **3 STARS**
2. Career and Technical Certificate (CTC) – Masonry Helper (CIP 46.0101) with an IBC in NCCER Core from the National Center for Construction Education and Research- **5 STARS**
3. Certificate of Technical Studies (CTS) – Carpentry Technician II (CIP 46.0201) – **4 STARS**
 - a. Certificate of Technical Studies (CTS) – Carpentry Technician I (CIP 46.0201) - **4 STARS**
 - i. Career and Technical Certificate (CTC) –Carpenter's Helper (CIP 46.0201) with an IBC in NCCER Core from the National Center for Construction Education and Research- – **4 STARS**

Program Revisions

4. Technical Diploma (TD) – Outdoor Power Equipment Technician (CIP 47.0606) - **3 STARS**
 - a. Certificate of Technical Studies (CTS) -OPET Technician II (CIP 47.0606) - **3 STARS**
5. Technical Diploma (TD) –Mason, Two-Year Apprentice (CIP 46.0101) - **5 STARS**
 - a. Certificate of Technical Studies (CTS) – Mason Apprentice (CIP 46.0101) - **5 STARS**

APPROVED

She 12/12/18
LCTCS BOARD OF SUPERVISORS

6. Technical Diploma (TD) – Carpentry Technician II (CIP 46.0201) - **4 STARS**

Program Terminations

7. Technical Competency Area (TCA) -OPET Technician I (CIP 47.0606) - **3 STARS**
8. Technical Competency Area (TCA) – Masonry Helper (CIP 46.0101) - **5 STARS**
9. Technical Competency Area (TCA) –Carpenter’s Helper (CIP 46.0201) – **4 STARS**
10. Technical Competency Area (TCA) –Carpentry Technician I (CIP 46.0201) – **4 STARS**
11. Certificate of Technical Studies (CTS) - HACR Energy Systems Technician (CIP 47.0201) - **5 STARS**
12. Technical Competency Area (TCA)-Solar Systems Installer (CIP 47.0201) - **5 STARS**

Background: Central Louisiana Technical Community College (CLTCC) is requesting to replace the TCA in OPET Technician I with a CTC per LCTCS Policy 1.024 and Louisiana Board of Regents’ Academic Affairs Policy 2.15. The credit hours for the CTS-OPET Technician II are changing from 33 (945 clock) to 32 (930 clock). The credit hours for the TD-Outdoor Power Equipment Technician are changing from 59 (1785 clock) to 58 (1770 clock).

The TCA-Masonry Helper is being replaced with the CTC-Masonry Helper. The total hours for the Technical Diploma is changing from 47 credit (1620 clock) to 45 credit (1575 clock).

The TCA in Carpenter’s Helper is being deleted and is being replaced by a CTC in Carpenter’s Helper. The TCA in Carpentry Technician I is being replaced by the CTS in Carpentry Technician I. The total number of credit hours for the TD is changing from 57 (1725 clock) to 54 (1590 clock).

Central Louisiana Technical Community College (CLTCC) is requesting to terminate two credentials upon the recommendation of the HVAC program’s advisory committee. There are no students enrolled in the HVAC program seeking these credentials as the job demand has shifted from solar heating systems to solar power generation. The changes will ensure that the curriculum is aligned to industry needs.

Fiscal Impact: No additional cost will be incurred as a result of the program modifications.

History of Prior Action: The Outdoor Power Equipment program was last revised on October 8, 2014.

Per LCTCS Policy 1.024 and Louisiana Board of Regents' Academic Affairs Policy 2.15, the CTC-Helper I was added to the program in April 2018 and includes an embedded Industry Based Credential (IBC) in HVAC Excellence/ EPA Section 608 from Energy Service Company (ESCO).

Benefits to the System: The changes will ensure that the curriculum is aligned to industry needs. The addition of the CTCs will recognize student achievement with the embedded Industry Based Certifications.



Approved for Recommendation to the Board
Dr. Monty Sullivan

12-12-18

Date

OUTDOOR POWER EQUIPMENT TECHNOLOGY - 11/02/2018

TYPE OF PROPOSED CHANGE : Curriculum Modification			
PROGRAM NAME : OUTDOOR POWER EQUIPMENT TECHNOLOGY			
AWARD LEVEL(S)			
For Board of Regents and LCTCS Review: 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: OUTDOOR POWER EQUIPMENT TECHNICIAN		Program Delivery Mode: Standard	
CIP: 470606	Credit Hours: 58.00	Contact Hours: 1770.00	Technical Diploma (T.D.)
Stars : 4 Stars			
Name: OPET TECHNICIAN II		Program Delivery Mode: Standard	
CIP: 470606	Credit Hours: 0.00	Contact Hours: 930.00	Certificate of Technical Studies (C.T.S.)
Stars : 4 Stars			
Name: OPET TECHNICIAN I		Program Delivery Mode: Standard	
CIP: 470606	Credit Hours: 14.00	Contact Hours: 450.00	Career and Technical Certificate (C.T.C)

IBC: EETC Four Stroke Engine	Issuing Body: Equipment and Engine Training Council (EETC)	Course Title: Fuel Systems	Course Prefix: OPET	Course Number: 1151	Credits Awarded: 3.00	IBC Awarded upon Completion? : No-Test is Required
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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 TCA-OPET Technician I is being replaced by the CTC-OPET Technician I. The credit hours for the CTS-OPET Technician II are changing from 33 (945 clock) to 32 (930 clock). The credit hours for the TD-Outdoor Power Equipment Technician are changing from 59 (1785 clock) to 58 (1770 clock).		
IMPLEMENTATION DATE (Semester and Year)	Spring 2019	
HISTORY OF PRIOR ACTIONS Provide an overview of changes to this program.		
The program was last revised on October 8, 2014		
JUSTIFICATION FOR THE PROPOSED CHANGE Include support such as four-year university agreements, industry demand, advisory board information, etc.		
The new CTC are needed to replace the current TCA.		
SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Sites (list below)		
Lamar Salter Campus		
U.S. Penitentiary Pollock		
QUALIFIED FACULTY (Check all that apply)		
Use Existing Faculty: Yes # - Full Time: 2 # - 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:** Technical Diploma**Experience:** 5 years**Certification:****FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS****Department :** Transportation**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 will be incurred or change in administration required as a result of the addition of the Career and Technical Certificate (CTC).

ANTICIPATED ENROLLMENT:

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	28	30	30	30	30
EVENING					
DISTANCE EDUCATION					

Describe Process for Attaining & Estimating Enrollment:

Enrollment is based on historical data.

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.)**

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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: OPET TECHNICIAN I					Credit Hours: 14.00		
OPET	1111	Occupational Introduction & Safety	15.00	45.00	60.00	2.00	0.00
	1121	Basic Tools & Repair Techniques	15.00	45.00	60.00	2.00	0.00
	1131	Shop Management	15.00	60.00	75.00	3.00	0.00
	1141	Engine Principles	15.00	135.00	150.00	4.00	0.00
	1151	Fuel Systems	15.00	90.00	105.00	3.00	0.00

BENEFITS TO THE SYSTEM

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

The addition of the CTC will recognize student achievement.

KEYWORDS

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OUTDOOR POWER EQUIPMENT TECHNOLOGY (47.0606)

DIVISION: Technical Studies

DEPARTMENT: Transportation

DIPLOMA/CERTIFICATE OPTIONS

CTC – OPET TECHNICIAN I

CTS – OPET TECHNICIAN II

TD – OUTDOOR POWER EQUIPMENT TECHNICIAN

CURRICULUM

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
OPET 1111	Occupational Introduction & Safety	1	1	2	60
OPET 1121	Basic Tools & Repair Techniques	1	1	2	60
OPET 1131	Shop Management	1	2	3	75
OPET 1141	Engine Principles	1	3	4	150
OPET 1151	Fuel Systems	1	2	3	105
	CTC – OPET TECHNICIAN I			14	450
OPET 1161	Engine Lubrication & Cooling Systems	1	1	2	60
OPET 1221	Basic Electricity	1	2	3	105
OPET 1231	Charging Systems	1	2	3	75
OPET1241	Ignition Systems	1	2	3	75
OPET 1251	Starting Systems	1	1	2	60
OPET 1261	Drive Train	1	2	3	75
JOBS 2450	Job Seeking Skills	2	0	2	30
	CTS – OPET TECHNICIAN II			32	930
CPTR 1000	Introduction to Computers	1	1	2	45
OPET 1311	Hydraulics & Brakes	1	2	3	75
OPET 1321	Generators	1	1	2	75
OPET 1331	Frames, Suspension, and Decks	1	2	3	75
OPET 1341	Systems Troubleshooting	2	2	4	120

OPET 2111	Outboard Engine Overhaul	1	1	2	75
OPET 2121	Motorcycle Engine Overhaul	1	1	2	75
OPET 2131	Lawn & Garden Engine overhaul	1	1	2	75
OPET 2141	All-Terrain Vehicle Engine Overhaul	1	1	2	75
OPET 2151	Lawn & Garden Diesel Engine Overhaul	1	1	2	75
OPET 2161	Personal Watercraft Engine Overhaul	1	1	2	75
	TD – OUTDOOR POWER EQUIPMENT TECHNICIAN			58	1770

Spring 2019

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
CARP 1110	Introduction, Safety and Hand Tools **	2	1	3	75
CARP 1130	Power Tools	2	2	4	120
CARP 1140	Building Materials	1	1	2	75
	CTC – CARPENTER’S HELPER			9	270
CARP 2620	Applied Mathematics for Carpentry	2	1	3	90
CARP 1150	Blueprint Reading	2	3	5	150
	CTS – CARPENTRY TECHNICIAN I			17	510
CARP 2110	Site Layout	1	1	2	75
CARP 2120	Foundations & Floor Framing	2	3	5	135
CARP 2131	Wall & Ceiling Framing	0	4	4	135
	CTS – CARPENTRY TECHNICIAN II			28	855
CPTR 1000	Introduction to Computers	1	1	2	45
CARP 2210	Roofing I	2	3	5	135
CARP 2220	Roofing II	2	3	5	135
CARP 2230	Exterior Finish & Trim	1	2	3	105

Masonry - 10/30/2018

TYPE OF PROPOSED CHANGE : Curriculum Modification			
PROGRAM NAME : Masonry			
AWARD LEVEL(S)			
For Board of Regents and LCTCS Review:			
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 : 2 Stars			
Name: MASON, TWO-YEAR APPRENTICE		Program Delivery Mode: Standard	
CIP: 460101	Credit Hours: 45.00	Contact Hours: 1575.00	Technical Diploma (T.D.)
Stars : 2 Stars			
Name: MASON APPRENTICE		Program Delivery Mode: Standard	
CIP: 460101	Credit Hours: 33.00	Contact Hours: 1275.00	Certificate of Technical Studies (C.T.S.)
Stars : 2 Stars			
Name: MASONRY HELPER		Program Delivery Mode: Standard	
CIP: 460101	Credit Hours: 7.00	Contact Hours: 270.00	Career and Technical Certificate (C.T.C.)

IBC: NCCER CORE	Issuing Body: NCCER	Course Title: Course Introduction Prefix: and Safety MSNY	Course Awarded: 1110	Credits 2.00	Number: IBC Awarded upon Completion? :
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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 TCA-Masonry Helper is being replaced with the CTC-Masonry Helper. The total hours for the Technical Diploma is changing from 47 credit (1620 clock) to 45 credit (1575 clock).

IMPLEMENTATION DATE
(Semester and Year)

Spring 2019

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

The new CTC are needed to replace the current TCA.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Sites (list below)

Raymonde Laborde Correctional Center

QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty: Yes

- Full Time: 1

- 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**FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS**

Education: Technical Diploma	Experience: 5 years	Certification: NCCER certified
Department : Construction		
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 will be incurred or change in administration required as a result of the additions of the Career and Technical Certificate (CTC).		
<div style="display: flex; justify-content: flex-end; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> ANTICIPATED ENROLLMENT:		
Students	Year One	Year Two
DAY	28	30
EVENING		
DISTANCE EDUCATION		
Describe Process for Attaining & Estimating Enrollment:	Enrollment is based on historical data. <div style="display: flex; justify-content: flex-end; margin-top: 5px;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div>	
<div style="display: flex; justify-content: flex-end; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 150px; height: 20px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 150px; height: 20px;"></div> </div> PROGRAM ACCREDITATION:		
Is Program Accreditation, Licensure or Certification Required?	No	
	Accreditation status: N/A	
Type/Name of Program Accreditation, Licensure or Certification Required:	<div style="display: flex; justify-content: flex-end; margin-bottom: 5px;"> <div style="border: 1px solid black; width: 150px; height: 20px; margin-right: 10px;"></div> <div style="border: 1px solid black; width: 150px; height: 20px;"></div> </div>	
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:					Credit Hours: 0.00		
BENEFITS TO THE SYSTEM							
Discuss how this change will benefit your students, your community, and the LCTCS.							
The addition of the CTC will recognize student achievement.							
KEYWORDS							

COURSE NO.	COURSE TITLE	Total Cr Hrs.	Total Clock Hrs.	Lecture	Lab
MSNY 1110	Introduction and Safety (NCCER Core)	2	60	30	30
MSNY 1120	Tools & Equipment	2	90	0	90
MSNY 1151	Masonry Units	1	30	30	0
MSNY 1210	Mortar	2	90	0	90
	CTC – MASONRY HELPER	7	270		
MSNY 1231	Brick Laying	4	165	30	135
MSNY 2531	Foundations and Footings	1	30	30	0
MSNY 1311	Brick Steps	3	120	30	90
MSNY 1321	Piers, Pilasters, and Chases	4	165	30	135
MSNY 2521	Laying Concrete Block	4	180	0	180
MSNY 1130	Masonry Math	3	45	45	0
MSNY 1411	Pavements & Panel Walls	3	120	30	90
MSNY 1421	Arches	4	180	0	180
	CTS – MASON APPRENTICE (CTS-MSAP)	33	1275		
MSNY 1140	Blueprint Reading	3	45	45	0
MSNY 1160	Estimating	3	45	45	0
MSNY 2621	Chimneys & Fireplaces	4	180	0	180
JOBS 2450	Job Seeking Skills	2	30	30	0
	TD – MASON, TWO-YEAR APPRENTICE (TD-STD)	45	1575		



MASONRY (46.0101)

DIVISION: Technical Studies
DEPARTMENT: Construction
(Offered only at prison sites)

New Curriculum

CERTIFICATE/DIPLOMA OPTIONS

CTC – MASONRY HELPER
CTS – MASON APPRENTICE
TD – MASON, TWO-YEAR APPRENTICE

CURRICULUM (Major MSAP)

Carpentry - 10/30/2018

TYPE OF PROPOSED CHANGE : Curriculum Modification			
PROGRAM NAME : Carpentry			
AWARD LEVEL(S)			
For Board of Regents and LCTCS Review: 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 : 5 Stars			
Name: CARPENTRY		Program Delivery Mode: Standard	
CIP: 460201	Credit Hours: 54.00	Contact Hours: 1590.00	Technical Diploma (T.D.)
Stars : 4 Stars			
Name: CARPENTRY TECHNICIAN II		Program Delivery Mode: Standard	
CIP: 460201	Credit Hours: 28.00	Contact Hours: 855.00	Certificate of Technical Studies (C.T.S.)
Name: CARPENTRY TECHNICIAN I		Program Delivery Mode: Standard	
CIP: 460201	Credit Hours: 17.00	Contact Hours: 510.00	Certificate of Technical Studies (C.T.S.)
Stars : 3 Stars			

Name: CARPENTER'S HELPER

Program Delivery Mode: Standard

CIP: 460201

Credit Hours: 9.00

Contact Hours: 270.00

Career and Technical
Certificate (C.T.C)

IBC: NCCER Core	Issuing Body: NCCER	Course Title: Introduction, Safety and Hand Tools	Course Prefix: CARP	Course Number: 1110	Credits Awarded: 3.00	IBC Awarded upon Completion?: Yes
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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 TCA in Carpenter's Helper is being deleted and is being replaced by a CTC in Carpenter's Helper. The TCA in Carpentry Technician I is being replaced by the CTS in Carpentry Technician I. The total number of credit hours for the TD is changing from 57 (1725 clock) to 54 (1590 clock).

IMPLEMENTATION DATE (Semester and Year)	Spring 2019
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HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

The new CTC and CTS are needed to replace the current TCAs.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Sites (list below)

Lamar Salter Campus

QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty: Yes	Hire Adjunct Faculty: No	Hire Full-Time Faculty: No
# - Full Time: 1	# - 0	# - 0
# - Part Time: 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 :
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Support :		Related Fields :		Other :	
MINIMUM CREDENTIALS REQUIRED FOR FACULTY					
Education: Technical Diploma		Experience: 5 years		Certification: NCCER	
FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS					
Department : Construction					
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 will be incurred, no change in administration is required as a result of the addition of the Career and Technical Certificate (CTC).					
ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	32	32	32	32	32
EVENING					
DISTANCE EDUCATION					
Describe Process for Attaining & Estimating Enrollment:		Enrollment is based on historical data.			
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
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Program, Degree or Concentration:

Credit Hours: 0.00

BENEFITS TO THE SYSTEM

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

The addition of the CTC will recognize student achievement.

KEYWORDS

CARP 2310	Interior Finish & Trim	1	2	3	105
CARP 2320	Cabinetmaking	2	4	6	180
JOBS 2450	Job Seeking Skills	2	0	2	30
	TD – CARPENTRY			54	1590



CARPENTRY (46.0201)

DEPARTMENT: Construction

DIPLOMA/CERTIFICATE OPTIONS

CTC – CARPENTER'S HELPER
 CTS – CARPENTRY TECHNICIAN I
 CTS – CARPENTRY TECHNICIAN II
 TD – CARPENTRY

CURRICULUM

Spring 2018

**** NCCER Core**

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
CARP 1110	Introduction, Safety and Hand Tools **	2	1	3	75
CARP 1130	Power Tools	2	2	4	120
CARP 1140	Building Materials	1	1	2	75
	CTC – CARPENTER’S HELPER			9	270
CARP 2620	Applied Mathematics for Carpentry	2	1	3	90
CARP 1150	Blueprint Reading	2	3	5	150
	CTS – CARPENTRY TECHNICIAN I			17	510
CARP 2110	Site Layout	1	1	2	75
CARP 2120	Foundations & Floor Framing	2	3	5	135
CARP 2131	Wall & Ceiling Framing	0	4	4	135
	CTS – CARPENTRY TECHNICIAN II			28	855
CPTR 1000	Introduction to Computers	1	1	2	45
CARP 2210	Roofing I	2	3	5	135
CARP 2220	Roofing II	2	3	5	135
CARP 2230	Exterior Finish & Trim	1	2	3	105