



# LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

**Changing Lives,  
Creating Futures**

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**TO:** Dr. Monty Sullivan  
LCTCS President

**THROUGH:** Dr. Wendi Palermo <sup>WP</sup>  
Chief Education and Training Officer

**FROM:** William Tulak <sup>WT</sup>  
Director of Institutional Effectiveness

**DATE:** March 11, 2024

**SUBJECT:** Program Requests at SOWELA Technical Community College

APPROVED  
 4-10-2024  
LCTCS BOARD OF SUPERVISORS

## FOR BOARD ACTION

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

### Program Addition

1. Career and Technical Certificate (CTC) in Welders Helper (CIP 48.0508) – **4 STARS**

### Program Deletions

1. Technical Diploma (TD) in Outdoor Power Equipment Technician (CIP 47.0606) – **2 STARS**
2. Certificate of Technical Studies (CTS) in OPET Technician II (CIP 47.0606) – **2 STARS**
3. Career and Technical Certificate (CTC) in OPET Technician I (CIP 47.0606) – **2 STARS**
4. Career and Technical Certificate (CTS) in SMAW, GTAW, GMAW, FCAW Combination Welder (CIP 48.0508) – **4 STARS**
5. Career and Technical Certificate (CTS) in SMAW, GTAW Combination Welder (CIP 48.0508) – **4 STARS**
6. Certificate of Technical Studies (CTS) in SMAW Structural Welder (CIP 48.0508) – **4 STARS**
7. Career and Technical Certificate (CTC) in Arc Cutter Basic (CIP 48.0508) – **4 STARS**

### Program Modifications

1. Technical Diploma (TD) in Welding (CIP 48.0508) – **4 STARS**
  - a. Certificate of Technical Studies (CTS) in SMAW Pipe Welder (CIP 48.0508) – **4 STARS**
2. Technical Diploma (TD) in Vehicle Maintenance and Repair (Automotive Concentration) (CIP 47.0600) – **4 STARS**

- a. Certificate of Technical Studies (CTS) in Automotive Apprentice (CIP 47.0600) – **4 STARS**

**Background:** SOWELA is modifying the Welding program to better align with industry standards and workforce needs. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The Welding TD will change from 56 credit hours and 1470 contact hours to 45 credit hours and 1155 contact hours. The SMAW Pipe Welder CTS will change from 32 credit hours and 840 contact hours to 27 credit hours and 660 contact hours.

SOWELA is modifying the Vehicle Maintenance and Repair Technology program to better align with industry standards and workforce needs. The changes are to the Automotive Concentration only. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The Vehicle Maintenance and Repair TD (Automotive Concentration) will change from 52 credit hours and 1230 contact hours to 49 credit hours and 1170 contact hours. The Automotive Apprentice CTS will change from 30 credit hours and 705 contact hours to 31 credit hours and 735 contact hours.

**Fiscal Impact:** The administrative structure and allocation of departmental funds will be unchanged, unless otherwise noted.

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

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



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

**4-10-24**

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**Date**



March 19, 2024

Dr. Wendi Palermo  
Chief Education and Training Officer  
Louisiana Community & Technical College System

Re: Welding Program Modifications, Additions, and Deletions

Dr. Palermo,

SOWELA Technical Community College proposes the following changes to the Welding Technical Diploma (TD) (CIP 480508) and associated exit points.

**Program Modifications**

1. Technical Diploma (TD) - Welding (CIP 480508) – **4 STARS**
2. Certificate of Technical Studies (CTS) - SMAW Pipe Welder (CIP 480508) – **4 STARS**

**Program Additions**

1. Career and Technical Certificate (CTC) - Welders Helper (CIP 480508) – **4 STARS**

**Program Deletions**

1. Career and Technical Certificate (CTS) – SMAW, GTAW, GMAW, FCAW Combination Welder (CIP 480508) – **4 STARS**
2. Career and Technical Certificate (CTS) – SMAW, GTAW Combination Welder (CIP 480508) – **4 STARS**
3. Certificate of Technical Studies (CTS) – SMAW Structural Welder (CIP 480508) – **4 STARS**
4. Career and Technical Certificate (CTC) – Arc Cutter Basic (CIP 480508) – **4 STARS**

**Background**

SOWELA Technical Community College (SOWELA) proposes to modify its Welding program to better align with industry standards and workforce needs. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The Welding TD will change from 56 credit hours and 1470 contact hours to 45 credit hours and 1155 contact hours. There is no new content being introduced as a result of these proposed changes.

The Current Diploma/Certificate, Proposed Diploma/Certificate, and Course/Content Crosswalk documents are attached. Please let me know if anything additional would be helpful.

Sincerely,

*Paula Hellums*

Dr. Paula Hellums  
Vice Chancellor for Academic Affairs

The table below demonstrates the **current** Diploma/Certificate options for Welding CIP 480508 at SOWELA Technical Community College. The current TD in Welding is 56 Credit Hours and 1470 Clock Hours.

**WELDING**  
**Diploma/Certificate Option**

Course No.	Course Title	Lecture	Lab	Total Credit Hours
WELD 1110	Occupational Orientation and Safety	1	1	2
WELD 1120	Basic Blueprint, Metallurgy & Weld Symbols	1	1	2
WELD 1130	Welding Inspection and Testing	1	1	2
WELD 1210	Oxyfuel Systems	1	1	2
WELD 1310	Cutting Processes CAC/PAC	0	1	1
	<b>CTC-Arc Cutter Basic (9)</b>			<b>9</b>
WELD 1410	SMAW-Basic Beads	1	1	2
WELD 1411	SMAW-Fillet Weld	0	2	2
WELD 1420	SMAW – V-Groove Open	1	3	4
WELD 1510	SMAW – Pipe 2G	1	2	3
WELD 1514	SMAW – 5G Downhill	1	2	3
	<b>CTS – SMAW Structural Welder (23)</b>			<b>14</b>
WELD 1515	SMAW – 6G Downhill	0	2	2
WELD 1516	SMAW – 5G Uphill	0	4	4
WELD 1517	SMAW -6G Uphill	0	3	3
	<b>CTS – SMAW Pipe Welder (32)</b>			<b>9</b>
WELD 2210	GTAW – Multi-Joint	1	2	3
WELD 2220	GTAW – Pipe 5G	1	3	4
WELD 2221	GTAW – Pipe 2G	0	3	3
WELD 2222	GTAW – Pipe 6G	0	2	2
WELD 2230	GTAW – Aluminum Multi-Joint	1	1	2
	<b>CTS-SMAW, GTAW Combination Welder (46)</b>			<b>14</b>
WELD 2310	GMAW – Basic Fillet Weld	1	1	2
WELD 2311	GMAW – Groove Weld	0	2	2
WELD 2110	FCAW – Basic Fillet Weld	1	1	2
WELD 2111	FCAW – Groove Welds	0	1	1
	<b>CTS-SMAW, GTAQW, GMAW, FCAW Combination Welder (53)</b>			<b>7</b>
WELD 2312	Basic Pipe & Structural Fabrication	1	2	3
	<b>TD – Welding (56)</b>			<b>3</b>
	CIP: 480508 Total Clock Hours: 1470			

The table below includes current Welding courses and demonstrates course deletions, course modifications, course creations, and course equivalencies as a result of content repackaging.

**WELDING (CIP 480508)**  
**Course/Content Crosswalk**

CURRENT (SPRING 2024)	PROPOSED (FALL 2024)
WELD 1110	WELD 1115 (New course) *
WELD 1120 (Delete course)	WELD 1125 (New course)*
WELD 1130 (Delete course)	
WELD 1210 (Delete course)	WELD 1215 (New course)*
WELD 1310 (Delete course)	
WELD 1410 (Delete course)	WELD 1415 (New course)*
WELD 1411(Delete course)	
WELD 1420 (Delete course)	WELD 1425 (New course)*
	WELD 1430 (New course)*
WELD 1510 (Delete course)	N/A
WELD 1514 (Delete course)	N/A
WELD 1515 (Delete course)	N/A
WELD 1516 (Delete course)	WELD 1505 (New course)*
WELD 1517 (Delete course)	
WELD 2210 (Delete course)	WELD 2215 (New course)*
	WELD 2225 (New course)*
WELD 2220 (Delete course)	WELD 2300 (New course)*
WELD 2222 (Delete course)	
WELD 2221 (Delete course)	N/A
WELD 2230 (Delete course)	N/A
WELD 2110 (Delete course)	WELD 2115 (New course)*
WELD 2310 (Delete course)	
WELD 2111 (Delete course)	WELD 2125 (New course)*
WELD 2311 (Delete course)	
WELD 2312 (Delete course)	N/A
CIP: 480508 Total Credit Hours: 56 Total Clock Hours: <del>1470</del>	CIP: 480508 Total Credit Hours: 45 Total Clock Hours: 1155

\*While the course name and number have been updated, the content has been merely repackaged to better reflect the needs of industry. There is no new content being introduced as a result of these proposed changes.

## Welding - 03/22/2024

<b>TYPE OF PROPOSED CHANGE :</b> Curriculum Modification
<b>PROGRAM NAME :</b> Welding

<b>AWARD LEVEL(S)</b>	
<b>For Board of Regents and LCTCS Review:</b>  <b>Name:</b>	<b>For LCTCS Review:</b>  Technical Diploma (T.D.)  Certificate of Technical Studies (C.T.S.)  Career and Technical Certificate (C.T.C)  TCA - For Archive Purpose Only

<b>NAME OF PROGRAM(S) and AWARD LEVEL(S)</b>						
<b>Stars :</b> 4 Stars						
<b>Name:</b> Welding				<b>Program Delivery Mode:</b> Standard		
<b>CIP:</b> 480508	<b>Credit Hours:</b> 45.00	<b>Contact Hours:</b> 1155.00	Technical Diploma (T.D.)			
<b>IBC:</b> NCCER Level Two	<b>Issuing Body:</b> NCCER	<b>Course Title:</b>	<b>Course Prefix:</b>	<b>Course Number:</b>	<b>Credits Awarded:</b> 0.00	<b>IBC Awarded upon Completion?</b> :
<b>Stars :</b> 4 Stars						
<b>Name:</b> SMAW Pipe Welder				<b>Program Delivery Mode:</b> Standard		
<b>CIP:</b> 480508	<b>Credit Hours:</b> 27.00	<b>Contact Hours:</b> 660.00	Certificate of Technical Studies (C.T.S.)			
<b>IBC:</b> NCCER Level One	<b>Issuing Body:</b> NCCER	<b>Course Title:</b>	<b>Course Prefix:</b>	<b>Course Number:</b>	<b>Credits Awarded:</b> 0.00	<b>IBC Awarded upon Completion?</b> :
<b>Stars :</b> 4 Stars						
<b>Name:</b> Welders Helper				<b>Program Delivery Mode:</b> Standard		

<b>CIP:</b> 480508	<b>Credit Hours:</b> 15.00	<b>Contact Hours:</b> 330.00	Career and Technical Certificate (C.T.C)			
<b>IBC:</b> NCCER Core	<b>Issuing Body:</b> NCCER	<b>Course Title:</b>	<b>Course Prefix:</b>	<b>Course Number:</b>	<b>Credits Awarded:</b> 0.00	<b>IBC Awarded upon Completion?:</b>

**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.**

Current Credit and Contact Hours  
(TD) Welding – Credit Hours 56 and Contact Hours 1470

Proposed Credit and Contact Hours  
(TD) Welding – Credit Hours 45 and Contact Hours 1155

Termination of Certificate Exit Points  
Arc Cutter Basic (CTC), SMAW Structural Welder (CTS), SMAW, GTAW Combination Welder (CTS), SMAW, GTAW, GMAW, FCAW Combination Welder (CTS)

Creation of New Certificate Exit Points  
Welders Helper (CTC)

Modification of Certificate Exit Point  
SMAW Pipe Welder (CTS) - Current - 32 credit hours/840 clock hours; Proposed - 27 credit hours/660 clock hours

<b>IMPLEMENTATION DATE (Semester and Year)</b>	Fall 2024
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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.**

SOWELA Technical Community College (SOWELA) proposes to modify its Welding program to better align with industry standards and workforce needs. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The proposed modifications align with SOWELA’s strategic plan objectives:

- Objective I.4: Increase the graduation rate (defined as a student completing an award within 150% of “normal time”) from the baseline rate from Fall 2018 cohort baseline level of 43.0 percent to 44 % by 2027 (completion of Fall 2023 cohort).
- Objective I.5: Increase the total number of 1 year Certificate completers in a given academic year from the baseline year number of 530 in 2020-2021 to 600 in AY 2027-2028. Students may only be counted once per award level.
- Objective I.6: Increase/ the total number of Career and Technical Certificate completers in a given academic year from the baseline year number of 146 in 2020-2021 to 165 in AY 2027-2028. Students may only be counted once per award level.

The Current Diploma/Certificate and the Proposed Diploma/Certificate curriculum structure are attached.

**SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:** All Campuses

<b>QUALIFIED FACULTY (Check all that apply)</b>		
<b>Use Existing Faculty: Yes</b> # - Full Time: 6 # - Part Time: 0	<b>Hire Adjunct Faculty: No</b> # - 0	<b>Hire Full-Time Faculty: No</b> # - 0

<b>ADMINISTRATION and IMPLEMENTATION COSTS</b>		
<b>Department :</b>		
<b>How will this change affect the administrative structure and/or allocation of departmental funds in terms of:</b>		
<b>Faculty :</b>	<b>Facilities :</b>	<b>Library Resources :</b>
<b>Support :</b>	<b>Related Fields :</b>	<b>Other :</b>

<b>MINIMUM CREDENTIALS REQUIRED FOR FACULTY</b>		
<b>Education:</b>	<b>Experience:</b>	<b>Certification:</b> Certification in Welding from Industry Recognized Program

<b>FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS</b>		
<b>Department :</b> Welding		
<b>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.</b>		
No Impact		

<b>ANTICIPATED ENROLLMENT:</b>					
<b>Students</b>	<b>Year One</b>	<b>Year Two</b>	<b>Year Three</b>	<b>Year Four</b>	<b>Year Five</b>
<b>DAY</b>	76	78	80	82	84
<b>EVENING</b>					
<b>DISTANCE EDUCATION</b>					
<b>Describe Process for Attaining &amp; Estimating Enrollment:</b>	Year One number was taken from SOWELA’s most recent Enrollment Report (Spring 2024). The program is predicted to have steady growth over the next five years as it is a high demand program in our region. The numbers entered here represent a conservative estimate.				



<b>PROGRAM ACCREDITATION:</b>	
<b>Is Program Accreditation, Licensure or Certification Required?</b>	No  Accreditation status: N/A
<b>Type/Name of Program Accreditation, Licensure or Certification Required:</b>	

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

<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. 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
<b>Program, Degree or Concentration:</b>					<b>Credit Hours:</b> 0.00		

**BENEFITS TO THE SYSTEM**

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

Students will be able to complete the program in a more timely manner. The curriculum will be streamlined, which should also reduce costs for students. This will help realize the goal of increasing IBC completers/graduates.

**KEYWORDS**

Welding

The table below demonstrates the **proposed** Diploma/Certificate options for Welding CIP 480508 at SOWELA Technical Community College.

The proposed TD in Welding is 45 Credit Hours and 1155 Clock Hours.

The proposed CTC – Welders Helper is 15 Credit Hours and 330 Clock Hours.

The proposed CTS – SMAW Pipe Welder that is 27 Credit hours and 660 Clock Hours.

**WELDING**  
**Diploma/Certificate Options**

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
<b>Semester 1</b>					
WELD 1115	Occupational Orientation & Safety	3	1	4	75
WELD 1125	Blueprints & Welding Inspection	3	0	3	45
WELD 1215	Allied Cutting Processes	1	2	3	75
WELD 1415	SMAW – Basic Beads & Fillet Welds	1	4	5	135
	<b>CTC Welders Helper (15)</b>			<b>15</b>	<b>330</b>
<b>Semester 2</b>					
WELD 1425	SMAW – V Groove 1	1	2	3	75
WELD 1430	SMAW – V Groove 2	0	3	3	90
WELD 1505	SMAW Pipe	1	5	6	165
	<b>CTS SMAW Pipe Welder (27)</b>			<b>12</b>	<b>660</b>
WELD 2115	GMAW/FCAW Basic Fillet Welds	1	2	3	75
				15	
<b>Semester 3</b>					
WELD 2125	GMAW/FCAW Groove Welds	0	3	3	90
WELD 2215	GTAW-V Groove 1	1	2	3	75
WELD 2225	GTAW-V Groove 2	0	3	3	90
WELD 2300	GTAW Pipe	1	5	6	165
	<b>TD- Welding (45)</b>			<b>15</b>	<b>1155</b>
	CIP Code: 480508 Total Clock Hours 1155				



March 11, 2024

Dr. Wendi Palermo  
Chief Education and Training Officer  
Louisiana Community & Technical College System

Re: Program Termination Request: CTC – OPET Technician I, CTS- OPET Technician II, TD - Outdoor Power Equipment Technician (CIP: 470606)

Dr. Palermo,

SOWELA Technical Community College would like to close/terminate the CTC – OPET Technician I, CTS – OPET Technician II, and TD – Outdoor Power Equipment Technician exit points due to sustained low enrollment. Students and faculty within the program were notified of the program closure by the Director of Advising and Vice Chancellor for Academic Affairs. Each student received communication via email and postal mail containing an individual plan of completion. The program is in its last semester needed to complete these individual plans. SOWELA received SACSCOC approval (letter dated November 24, 2023) to close the programs.

Program Termination

1. Technical Diploma (TD) in Outdoor Power Equipment Technician (CIP 470606) – **2 STARS**
2. Certificate of Technical Studies (CTS) in OPET Technician II (CIP 470606) – **2 STARS**
3. Career and Technical Certificate (CTC) in OPET Technician I (CIP 470606) – **2 STARS**

Please let me know if anything additional would be helpful.

Sincerely,

*Paula Hellums*

Dr. Paula Hellums  
Vice Chancellor for Academic Affairs



November 24, 2023

Dr. Neil Aspinwall  
Chancellor  
SOWELA Technical Community College  
3820 Sen. J Bennett Johnston Avenue  
P.O. Box 16950 (70616)  
Lake Charles, LA 70615

Dear Dr. Aspinwall:

Thank you for submitting the following substantive change:

Substantive change:

**Program Closure**

**Technical Diploma in Outdoor Power Equipment Technician  
Certificate of Technical Studies (CTS) in OPET Technician II  
Career and Technical Certificate in OPET Technician I**

Submission date:

**7/20/2023**

Intended Implementation date:

**8/14/2023**

Case ID:

**SC023109**

The institution requested approval to close the Technical Diploma in Outdoor Power Equipment Technician, the Certificate of Technical Studies (CTS) in OPET Technician II, and the Career and Technical Certificate in OPET Technician I due to low enrollment. Students, faculty, and staff within the program were notified of the program closure by the Director of Advising and Vice Chancellor of Academic Affairs. Each student received communication via email and postal mail containing an individual plan for completion. Coursework needed for the students to complete their program as well as all supporting services will continue to be offered by the institution. Students will incur no additional costs as a result of the program closure. There are no teach-out agreements with another institution. The one temporary full-time faculty member will continue employment in the program throughout the teach-out that extends through Spring 2024. His contract is semester-to-semester and expires in Spring 2024.

**The Board of Trustees of the Southern Association of Colleges and Schools Commission on Colleges approves the closure of the Technical Diploma in Outdoor Power Equipment Technician, the Certificate of Technical Studies (CTS) in OPET Technician II, and the Career and Technical Certificate in OPET Technician I.**

Should you need assistance, please contact Dr. Patricia (Trish) A. Parrish at (404) 994-6623 or via email at [pparrish@sacscoc.org](mailto:pparrish@sacscoc.org).



Dr. Neil Aspinwall  
November 24, 2023  
Page 2

Please include the Case ID number above in all submissions or correspondence about this substantive change.

Sincerely,

A handwritten signature in cursive script that reads "Belle S. Wheelan".

Belle S. Wheelan, Ph.D.  
President

BSW/TBB:sb

cc: Dr. Paula C. Hellums, Vice Chancellor for Academic Affairs, SOWELA Technical Community College  
Dr. Patricia (Trish) A. Parrish, Vice President, SACSCOC

## Vehicle Maintenance and Repair Technology - 03/22/2024

<b>TYPE OF PROPOSED CHANGE :</b> Curriculum Modification
<b>PROGRAM NAME :</b> Vehicle Maintenance and Repair Technology

<b>AWARD LEVEL(S)</b>	
<b>For Board of Regents and LCTCS Review:</b>  <b>Name:</b>	<b>For LCTCS Review:</b>  Technical Diploma (T.D.)  Certificate of Technical Studies (C.T.S.)  Career and Technical Certificate (C.T.C)  TCA - For Archive Purpose Only

<b>NAME OF PROGRAM(S) and AWARD LEVEL(S)</b>			
<b>Stars :</b> 4 Stars			
<b>Name:</b> Vehicle Maintenance and Repair		<b>Program Delivery Mode:</b> Standard	
<b>CIP:</b> 470600	<b>Credit Hours:</b> 49.00	<b>Contact Hours:</b> 1170.00	Technical Diploma (T.D.)
<b>Stars :</b> 4 Stars			
<b>Name:</b> Automotive Apprentice		<b>Program Delivery Mode:</b> Standard	
<b>CIP:</b> 470600	<b>Credit Hours:</b> 31.00	<b>Contact Hours:</b> 735.00	Certificate of Technical Studies (C.T.S.)

<b>PROPOSED CHANGE</b> <b>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.</b>
SOWELA Technical Community College is proposing program modifications to our Vehicle Maintenance and Repair Technology (Automotive) program CIP: 470600. There are two proposed modifications:  CTS – Automotive Apprentice • The current total Credit Hours are 36 and the total Clock hours are 855. • The proposed total Credit Hours are 31 and the total Clock Hours are 735. TD – Vehicle Maintenance & Repair • The current total Credit Hours are 52 and the total Clock Hours are 1230. • The proposed total Credit Hours are 49 and the total Clock Hours are 1170.

<b>IMPLEMENTATION DATE (Semester and Year)</b>	Fall 2024
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**HISTORY OF PRIOR ACTIONS**  
**Provide an overview of changes to this program.**

2019  
 Replaced TCA Alignment Specialist (CIP 470600) with CTC Automotive Information Helpwe (CIP 470600).  
 2020  
 Remove TCA Automatic Transmission & Transaxle Technician (CIP 470604)  
 Remove TCA Engine Performance Technician (CIP 470604)  
 Remove TCA Engine Repair Technician (CIP 470604)  
 Remove TCA Manual Brake & Steering Technician (CIP 470604)  
 Remove TCA Manual Drive Train Technician (CIP 470604)

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

SOWELA Technical Community College (SOWELA) proposes to modify its Vehicle Maintenance and Repair Technology (Automotive Concentration) program to better align with industry standards and workforce needs. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The proposed modifications align with SOWELA’s strategic plan objectives:

- Objective I.4: Increase the graduation rate (defined as a student completing an award within 150% of “normal time”) from the baseline rate from Fall 2018 cohort baseline level of 43.0 percent to 44 % by 2027 (completion of Fall 2023 cohort).
- Objective I.5: Increase the total number of 1 year Certificate completers in a given academic year from the baseline year number of 530 in 2020-2021 to 600 in AY 2027-2028. Students may only be counted once per award level.
- Objective I.6: Increase/ the total number of Career and Technical Certificate completers in a given academic year from the baseline year number of 146 in 2020-2021 to 165 in AY 2027-2028. Students may only be counted once per award level.

**SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:** Main Campus, Sites (list below)

Lamar Salter Instructional Site, Leesville, LA

**QUALIFIED FACULTY (Check all that apply)**

<b>Use Existing Faculty:</b> No  # - Full Time: 3  # - Part Time: 1	<b>Hire Adjunct Faculty:</b> No  # - 0	<b>Hire Full-Time Faculty:</b> No  # - 0
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**ADMINISTRATION and IMPLEMENTATION COSTS**

**Department :**

**How will this change affect the administrative structure and/or allocation of departmental funds in terms of:**

<b>Faculty :</b>	<b>Facilities :</b>	<b>Library Resources :</b>
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<b>Support :</b>	<b>Related Fields :</b>	<b>Other :</b>
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<b>MINIMUM CREDENTIALS REQUIRED FOR FACULTY</b>		
<b>Education:</b>	<b>Experience:</b> 5 years of relevant applied experience.	<b>Certification:</b> ASE Certifications in G-1 and A6-A8

<b>FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS</b>
<b>Department :</b> Vehicle Maintenance and Repair Technology
<b>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.</b>
There will be no fiscal impact.

<b>ANTICIPATED ENROLLMENT:</b>					
<b>Students</b>	<b>Year One</b>	<b>Year Two</b>	<b>Year Three</b>	<b>Year Four</b>	<b>Year Five</b>
<b>DAY</b>	42	45	47	50	55
<b>EVENING</b>					
<b>DISTANCE EDUCATION</b>					
<b>Describe Process for Attaining &amp; Estimating Enrollment:</b>	Year One enrollment was taken from the Spring 2024 last enrollment report issued by SOWELA's Office of Planning and Analysis. The future enrollment is based on steady growth related to improving completion times.				

<b>PROGRAM ACCREDITATION:</b>	
<b>Is Program Accreditation, Licensure or Certification Required?</b>	Optional  <b>Accreditation status:</b> Approved
<b>Type/Name of Program Accreditation, Licensure or Certification Required:</b>	Automotive Service Excellence (ASE)

<b>DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.)</b>



**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
<b>Program, Degree or Concentration:</b>					<b>Credit Hours: 0.00</b>		

**BENEFITS TO THE SYSTEM**

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

The reduction in credit and clock hours will decrease time to completion for students.

**KEYWORDS**

Automotive, Vehicle, Vehicle Maintenance

The table below demonstrates the **current** Diploma/Certificate options for Vehicle Maintenance and Repair Technology (Automotive) program CIP 470600 at SOWELA Technical Community College.

Vehicle Maintenance and Repair Technology (Automotive)  
Diploma/Certificate Options

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
VMRE 1002	Intro to Transportation Technology	2	1	3	60
VMRE 1102	Brake Systems	1	2	3	75
VMRE 1202	Steering & Suspension	1	2	3	75
	<b>CTC Automotive Information Helper (9)</b>			<b>9</b>	<b>210</b>
VMRE 1402	Engine Repair	2	2	4	90
VMRE 1502	Automatic Transmission & Transaxle	1	2	3	75
VMRE 1602	Fundamentals of Electricity	2	2	4	90
VMRE 1612	Advanced Electrical & Electronics	2	2	4	90
VMRE 1622	Manual Drive Train	1	2	3	75
VMRE 1802	Engine Performance I	1	2	3	75
VMRE 1812	Engine Performance II	1	2	3	75
VMRE 2822	Engine Performance III	1	2	3	75
	<b>CTS Automotive Apprentice (36)</b>			<b>36</b>	<b>855</b>
VMRE 1360	Light Diesel	2	1	3	60
VMRE 1702	HVAC	1	2	3	75
VMRE 2002	Advanced Suspension, Steering, & Brakes	1	2	3	75
VMRE 2012	Advanced Automatic & Manual Transmission	2	2	4	90
VMRE 2402	Lube Tech G-1 Maintenance	1	2	3	75
	<b>TD-Vehicle Maintenance &amp; Repair (52)</b>			<b>52</b>	
				CIP Code: 470600	
					Total Clock Hrs: 1230



March 19, 2024

Dr. Wendi Palermo  
Chief Education and Training Officer  
Louisiana Community & Technical College System

Re: Vehicle Maintenance and Repair Technology Program Modification

Dr. Palermo,

SOWELA Technical Community College proposes the following changes to the Vehicle Maintenance and Repair Technical Diploma (TD) and Automotive Apprentice Certificate of Technical Studies (CTS) (CIP 470600).

**Program Modifications**

1. Technical Diploma (TD) – Vehicle Maintenance and Repair (CIP 470600) – **4 STARS**
2. Certificate of Technical Studies (CTS) – Automotive Apprentice (CIP 470600) – **4 STARS**

**Background**

SOWELA Technical Community College (SOWELA) proposes to modify its Vehicle Maintenance and Repair Technology (Automotive Concentration) program to better align with industry standards and workforce needs. Additionally, these changes will bring this program in alignment with Gainful Employment requirements. The Vehicle Maintenance and Repair TD will change from 52 credit hours and 1230 contact hours to 49 credit hours and 1170 contact hours. The Automotive Apprentice CTS will change from 36 credit hours and 855 contact hours to 31 credit hours and 735 contact hours.

The Current Diploma/Certificate and the Proposed Diploma/Certificate curriculum documents are attached. Please let me know if anything additional would be helpful.

Sincerely,

*Paula Hellums*

Dr. Paula Hellums  
Vice Chancellor for Academic Affairs

The table below demonstrates the **proposed** Diploma/Certificate options for Vehicle Maintenance and Repair Technology (Automotive) program CIP 470600 at SOWELA Technical Community College. The proposed TD in Vehicle Maintenance and Repair is 49 Credit Hours and 1170 Clock Hours. The CTS-Automotive Apprenticeship will reduce to 31 Credit Hours and 735 Clock Hours.

Vehicle Maintenance and Repair Technology (Automotive)  
Diploma/Certificate Options

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
VMRE 1002	Intro to Transportation Technology	2	1	3	60
VMRE 1102	Brake Systems	1	2	3	75
VMRE 1202	Steering & Suspension	1	2	3	75
	<b>CTC Automotive Information Helper (9)</b>			<b>9</b>	<b>210</b>
VMRE 1402	Engine Repair	2	2	4	90
VMRE 1505	Automatic Transmission & Transaxle	1	3	4	105
VMRE 1602	Fundamentals of Electricity	2	2	4	90
VMRE 1612	Advanced Electrical & Electronics	2	2	4	90
VMRE 1622	Manual Drive Train	1	2	3	75
VMRE 1802	Engine Performance I	1	2	3	75
	<b>CTS Automotive Apprenticeship (31)</b>			<b>31</b>	<b>735</b>
VMRE 1812	Engine Performance II	1	2	3	75
VMRE 2822	Engine Performance III	1	2	3	75
VMRE 1360	Light Diesel	2	1	3	60
VMRE 1702	HVAC	1	2	3	75
VMRE 2002	Advanced Suspension, Steering, & Brakes	1	2	3	75
VMRE 2402	Lube Tech G-1 Maintenance	1	2	3	75
	<b>TD-Vehicle Maintenance &amp; Repair (49)</b>			<b>49</b>	
				CIP Code: 470600	
					Total Clock Hrs: 1170

**Signature:** *Wendi Palermo*

**Email:** wendipalermo@lctcs.edu

**Signature:** *William Tulak*

**Email:** williamtulak@lctcs.edu












# Consent Agenda Item - SOWELA

Final Audit Report

2024-04-03

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