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*Changing Lives,
Creating Futures*

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TO: Dr. Monty Sullivan
LCTCS President


THROUGH: Dr. Wendi Palermo 
Chief Education and Training Officer

FROM: William Tulak 
Director of Institutional Effectiveness

DATE: September 19, 2022

SUBJECT: Program request at Louisiana Delta Community College

APPROVED

 10.12.22
LCTCS BOARD OF SUPERVISORS

FOR BOARD ACTION

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

Program Addition

1. Certificate of Technical Studies (C.T.S) in Structural Welding - SMAW (CIP 48.0508) – **5 STARS**

Background: The Certificate of Technical Studies in Structural Welding – SMAW was developed as an exit point to the college’s current Technical Diploma in Structural Welding. The new credential consists of 23 credit hours (2 semesters) of coursework at the beginning of the TD curriculum. The new CTS will prepare students for the AWS Entry Level Welder test.

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 Louisiana Delta Community College to better meet student and workforce needs.



Approved for Recommendation to the Board
Dr. Monty Sullivan

October 12, 2022

Date

CTS in Structural Welding-SMAW - 09/12/2022

TYPE OF PROPOSED CHANGE : Curriculum Modification

PROGRAM NAME : CTS in Structural Welding-SMAW

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: CTS in Structural Welding-SMAW

Program Delivery Mode: Standard

CIP: 480508

Credit Hours: 23.00

Contact Hours: 690.00

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.

The mission of the Certificate in Technical Studies in Structural Welding- SMAW is to prepare individuals for employment in the field of Welding. The program is designed to provide students with SMAW welding processes required in the welding industry.

This curriculum revision proposal is to establish a CTS in Structural Welding SMAW into our welding program. The proposal clusters 23 credit hours (2 semesters) of coursework at the beginning of the TD curriculum to award students a CTS as they become prepared for the AWS Entry Level Welder test. This represents a repackage of our current courses and curriculum and will expand the number of additional certifications to five.

**IMPLEMENTATION DATE
(Semester and Year)**

Fall 2022

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

The structural welding program is a program currently offered by LDCC. This curriculum revision proposal is to establish a CTS in Structural Welding SMAW into our welding program. The proposal clusters 23 credit hours (2 semesters) of coursework at the beginning of the TD curriculum to award students a CTS as they become prepared for the AWS Entry Level Welder test. This represents a repackaging of our current courses and curriculum and will expand the number of additional certifications to five.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

There is a high industry demand for certified welders. Welding in a five star job as defined by the Louisiana Workforce Commission. There are currently over 150 open jobs in Louisiana related to welding certifications.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:

QUALIFIED FACULTY (Check all that apply)

<p>Use Existing Faculty: No</p> <p># - Full Time: 7</p> <p># - Part Time: 0</p>	<p>Hire Adjunct Faculty: No</p> <p># - 0</p>	<p>Hire Full-Time Faculty: No</p> <p># - 0</p>
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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:

Faculty :	Facilities :	Library Resources :
Support :	Related Fields :	Other :

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Certificate of Technical Studies	Experience: 4-6 years experience in a related field	Certification:
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FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : School of Industrial Technology

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.

Support for this program will fall under the direction of the School of Industrial Technology in coordination with campus staff. It is anticipated that one full time faculty will teach the courses. The college will use current faculty to teach the coursework. There is adequate classroom and outdoor workspaces to conduct the program coursework. Other campus resources like student services, disability counseling, and learning resource center will be accessible for students enrolled in the program.

ANTICIPATED ENROLLMENT:

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	15	20	25	25	25
EVENING					
DISTANCE EDUCATION					
Describe Process for Attaining & Estimating Enrollment:	The structural welding program is a currently offered program at LDCC. There is consistent enrollment in this program currently, however, the college will continue recruitment and enrollment efforts. These include attending multiple career fairs, work with high schools, and utilize guest speakers during regular classes to promote the program; inform and educate students about program during advising process. Estimation is based upon information obtained during advisory member conversations.				

PROGRAM ACCREDITATION:

Is Program Accreditation, Licensure or Certification Required?	No Accreditation status:
Type/Name of Program Accreditation, Licensure or Certification Required:	n/a

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: CTS in Structural Welding						Credit Hours: 23.00	
Semester: First Semester						Credit Hours: 13.00	

CORE	1000	Introductory Craft Skills	2.00	0.00	60.00	2.00	0.00
WELD	1110	Occupational Orientation and Safety	1.00	0.00	30.00	1.00	0.00
WELD	1130	Welding Inspection and Testing	1.00	1.00	60.00	2.00	0.00
WELD	1210	Oxyfuel Systems	1.00	1.00	60.00	2.00	0.00
WELD	1410	SMAW-Basic Beads	1.00	2.00	90.00	3.00	0.00
WELD	1411	SMAW-Fillet Weld	0.00	3.00	90.00	3.00	0.00
Semester: Second Semester					Credit Hours: 10.00		
WELD	1310	Cutting Processes-CAC/PAC	1.00	1.00	60.00	2.00	0.00
WELD	1412	SMAW-V-Groove/BU Gouge	0.00	4.00	120.00	4.00	0.00
WELD	1420	SMAW-V-Groove-Open	0.00	4.00	120.00	4.00	0.00

BENEFITS TO THE SYSTEM

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

Our goal is to provide greater opportunity for training in high demand, high wage careers. By adding this new Certificate of Technical Studies, more vacant positions can be filled by a previously untrained, and unemployed workforce.

There is high demand for those with skills related to this program. Welding is considered a five star job by the Louisiana Workforce Commission. Current job listings indicate there are over 150 openings in areas related to welding.

By providing certificate training, we can address the high unemployment and immediate need in the industry.

KEYWORDS

welding, structural, technical studies

Signature: *William Tulak*

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G.4.LDCC Program Addition

Final Audit Report

2022-10-04

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