



*Changing Lives,  
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Student Members:  
Jeremy Gray  
Raissa Oliveira Yantis

Louisiana  
Community  
& Technical  
College System

265 South Foster Drive  
Baton Rouge, LA 70806

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[www.lctcs.edu](http://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 SOWELA Technical Community College

**DATE:** 03/25/2019

### FOR BOARD ACTION:

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

#### Program Modifications

1. Technical Diploma (TD) – Forest Technology (CIP 03.0511) – 3 STARS

#### Program Additions

2. Career and Technical Certificate (CTC), Arc Cutting Basic (CIP 48.0508) – 4 STARS with an IBC in NCCER Core from the National Center for Construction Education and Research
3. Career and Technical Certificate (CTC), Construction Specialist (CIP 46.0401) – 5 STARS with an IBC in NCCER Core from the National Center for Construction Education and Research
4. Career and Technical Certificate (CTC), Resource Management Assistant (CIP 03.0511)– 3 STARS with an IBC in Firefighter Type II Crew Member from the National Wildfire Coordinating Group
5. Career and Technical Certificate (CTC), Grower Technician (CIP 01.0601) – 3 STARS with an IBC in Landscape Horticulturist from the Louisiana Department of Agriculture and Forestry

#### Program Deletions

6. Certificate of Technical Studies (CTS) – Forest Technician Site Assistant (CIP 03.0511) – 3 STARS

**APPROVED**  
slk 4/10/19  
LCTCS BOARD OF SUPERVISORS



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- a. Technical Competency Area (TCA) – Resource Management Assistant (CIP 03.0511) – **3 STARS**
- 7. Technical Competency Area (TCA) – Arc Cutter Basic (CIP 48.0508) – **4 STARS**
- 8. Technical Competency Area (TCA) – Construction Specialist (CIP 46.0401) – **5 STARS**
- 9. Technical Competency Area (TCA) – Grower Technician (CIP 01.0601) – **2 STARS**

**Background:** SOWELA Technical Community College proposes a change in the Forest Technology TD program’s clock hours from 1380 hours to 1290 hours and a decrease in credit hours from 61 to 59. In the same program, the CTS in Forest Technician Site Assistant is being deleted to adjust credit hours and better-align student certificate options. Students have the opportunity to earn a CTS in Forest Harvesting and Planting Assistant under this TD, along with a CTC in Resource Management Assistant.

SOWELA requests to replace several Technical Competency Areas (TCA) with Career and Technical Certificates (CTC) per LCTCS Policy 1.024 and Louisiana Board of Regents’ Academic Affairs Policy 2.15. The program curriculum remains unchanged, unless otherwise noted. Only the program classification is being modified.

By adding the CTC that includes an IBC in the Construction Specialist program, students will earn a credential that is accepted and recognized by the construction industry, giving them greater access to job placement upon program completion. SOWELA proposes to decrease the credit hours from 12 to 11 by deleting ORNT 1000, a 1 credit hour course.

With the addition of the CTC that includes an IBC in the Resource Management Assistant program, students will earn a credential that is accepted and recognized by the forestry industry which will benefit the student with job placement upon program completion.

Adding a CTC to the Grower Technician program will allow students to test for the Landscape Horticulturist License given by the Louisiana Department of Agriculture & Forestry. SOWELA proposes a decrease in the clock hours from 435 to 360 as well as a decrease in credit hours from 15 to 14 with the deletion of ORNT 1000, a 1 credit hour course.

**Fiscal Impact:** As these program have been in place for a number of years, only a change in the credential designation is being requested. The administrative structure and allocation of departmental funds will be unchanged, unless otherwise noted.



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**History of Prior Actions:** There is a history of modifying programs to meet student and industry needs.

**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

4-10-19

Date

**SOWELA Welding - 03/11/2019**

<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> 5 Stars						
<b>Name:</b> Arc Cutting Basic				<b>Program Delivery Mode:</b> Standard		
<b>CIP:</b> 480508		<b>Credit Hours:</b> 9.00		<b>Contact Hours:</b> 225.00		Career and Technical Certificate (C.T.C)
<b>IBC:</b> Nccer Core	<b>Issuing Body:</b> National Center for Construction Education and Research	<b>Course Title:</b> Cutting Process CAC/PAC	<b>Course Prefix:</b> WELD	<b>Course Awarded:</b> 1310	<b>Credits</b> 1.00	<b>Number: IBC Awarded upon Completion?</b> : Yes
<b>PROPOSED CHANGE</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.						
We propose adding a CTC where there was once a TCA. There is an embedded IBC (NCCER Core). There are no changes to credit hours, clock hours, etc.						
<b>IMPLEMENTATION DATE (Semester and Year)</b>			Fall 2019			

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

N/A

**JUSTIFICATION FOR THE PROPOSED CHANGE**

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

This change provides an industry-accepted IBC (NCCER Core) to the exit point. This IBC will benefit the students with job placement upon program completion.

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

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

**Use Existing Faculty: No**

# - Full Time: 4

# - Part Time: 1

**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:**

**Experience:**

**Certification:**

**FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS**

**Department :**

**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.**

There is no impact by adding this CTC as the courses and faculty already exist.

**ANTICIPATED ENROLLMENT:**

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	115	125	125	125	125
EVENING					
DISTANCE EDUCATION					

**Describe Process for Attaining & Estimating Enrollment:** Capacity = 125 students

**PROGRAM ACCREDITATION:**

<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.)**

**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.**

By adding the CTC with the included IBC (NCCER Core), students will earn a credential that is accepted and recognized by industry nationwide, giving them greater access to the workforce.

**KEYWORDS**

## WELDING

**School:** Transportation and Applied Technology

**Program Description:** The purpose of the Welding program is to prepare individuals for employment in the field of welding. Instruction is provided in various processes and techniques of welding including oxy-fuel cutting, carbon arc cutting, shielded metal arc welding, gas tungsten arc welding, flux-cored arc welding, gas metal arc welding, pipe welding, plasma arc cutting, blueprint reading, weld symbols, and joints. After completion of this program, the student will have covered the skills designated by the American Welding Society (AWS) and will be prepared to take the AWS Entry Level Welder Test.

**Dean:** Mr. William Mayo

**Program Coordinator:** Jonathan Darbonne

**Program Instructors:** Jonathan Darbonne, Heather Zappa-Guillory (Morgan Smith Site), Devin Richard, Eric Richmond (Morgan Smith Site), Kyle Vidrine (Oakdale Site).

**Special Comments:** A minimum grade of C is required in all Welding major-specific courses. This program is also offered at the Morgan Smith Site.

**Overall Grade Point Average:** Program requirements must be completed with an overall grade point average of 2.0 in order to receive a diploma or certificate.

**Student Learning Outcomes:** Students who successfully complete the Welding program will be able to:

- Demonstrate fundamental proficiencies in the use of hand tools, portable, and power equipment.
- Analyze drawings and specifications related to welding problems and jobs.
- Perform a 2F, 3F, and 4F position fillet weld using 3/32-7018 and 1/8-6010+electrodes.
- Perform a shielded metal arc welding 6G uphill pipe weld using 3/32-7018 and 1/8-6010+electrodes.
- Perform a gas tungsten arc welding 6G pipe weld using ER70s-6 filler metal.
- Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the welding industry.

<b>WELDING</b>				
<i>Diploma/Certificate Option</i>				
<b>Course No.</b>	<b>Course Title</b>	<b>Lecture</b>	<b>Lab</b>	<b>Total Credit Hrs</b>
WELD 1110	Occupational Orientation & 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 Welds	1	1	2
WELD 2111	FCAW - Groove Welds	0	1	1
	<b>CTS - SMAW, GTAW, GMAW, FCAW Combination Welder (53)</b>			<b>7</b>
WELD 2312	Basic Pipe & Structural Fabrication	1	2	3
	<b>TD - Welding (56)</b>			<b>8</b>
<b>CIP Code: 480508</b>				
<b>Total Clock Hrs: 1803</b>				



## WELDING

**School:** Transportation and Applied Technology

**Program Description:** The purpose of the Welding program is to prepare individuals for employment in the field of welding. Instruction is provided in various processes and techniques of welding including oxy-fuel cutting, carbon arc cutting, shielded metal arc welding, gas tungsten arc welding, flux-cored arc welding, gas metal arc welding, pipe welding, plasma arc cutting, blueprint reading, weld symbols, and joints. After completion of this program, the student will have covered the skills designated by the American Welding Society (AWS) and will be prepared to take the AWS Entry Level Welder Test.

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**Special Comments:** A minimum grade of C is required in all Welding major-specific courses. This program is also offered at the Morgan Smith Site.

**Overall Grade Point Average:** Program requirements must be completed with an overall grade point average of 2.0 in order to receive a diploma or certificate.

**Student Learning Outcomes:** Students who successfully complete the Welding program will be able to:

- Demonstrate fundamental proficiencies in the use of hand tools, portable, and power equipment.
- Analyze drawings and specifications related to welding problems and jobs.
- Perform a 2F, 3F, and 4F position fillet weld using 3/32-7018 and 1/8-6010+electrodes.
- Perform a shielded metal arc welding 6G uphill pipe weld using 3/32-7018 and 1/8-6010+electrodes.
- Perform a gas tungsten arc welding 6G pipe weld using ER70s-6 filler metal.
- Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the welding industry.

<b>WELDING</b>				
<i>Diploma/Certificate Option</i>				
<b>Course No.</b>	<b>Course Title</b>	<b>Lecture</b>	<b>Lab</b>	<b>Total Credit Hrs</b>
WELD 1110	Occupational Orientation & 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>TCA - 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 Welds	1	1	2
WELD 2111	FCAW - Groove Welds	0	1	1
	<b>CTS - SMAW, GTAW, GMAW, FCAW Combination Welder (53)</b>			<b>7</b>
WELD 2312	Basic Pipe & Structural Fabrication	1	2	3
	<b>TD - Welding (56)</b>			<b>8</b>

**CIP Code: 480508**  
**Total Clock Hrs: 1803**

## Sowela Forest Technology - 03/11/2019

<b>TYPE OF PROPOSED CHANGE :</b> Curriculum Modification						
<b>PROGRAM NAME :</b> Forest 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>						
Stars : 3 Stars						
<b>Name:</b> Resource Management Assistant				<b>Program Delivery Mode:</b> Standard		
<b>CIP:</b> 030511		<b>Credit Hours:</b> 16.00		<b>Contact Hours:</b> 315.00		Career and Technical Certificate (C.T.C)
<b>IBC:</b>	<b>Issuing Body:</b>	<b>Course Title:</b>	<b>Course Prefix:</b>	<b>Course Number:</b>	<b>Credits Awarded:</b>	<b>IBC Awarded upon Completion?</b>
Firefighter Type II Crew Member	National Wildfire Coordination Group	Prescribed Burning And Wildlife Control	FRTY	2710	6.00	: Yes
<b>PROPOSED CHANGE</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.						
<p>We propose the following:</p> <p>Add a CTC (Resources Management Assistant) to replace a TCA ( Resources Management Assistant)</p> <p>Decrease the credit hours from 61 to 59 by deleting CPTR 1000, JOBS 2450, and ORNT 1000 from TD in Forest Technology</p> <p>Add ITEC 1000</p> <p>There is an embedded IBC that students will receive upon the completion of the course offered through the National Wildfire Coordination Group</p> <p>Program clock hours will be reduced from 1380 hours to 1290 hours</p> <p>Delete CTS Forest Technician Site Assistant.</p>						
<b>IMPLEMENTATION DATE (Semester and Year)</b>			Fall 2019			

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

N/A

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

By adding the CTC with the included IBC (Firefighter Type II Crew Member), students will earn a credential that is accepted and recognized by the forestry industry which will benefit the student with job placement upon program completion.

**SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION:****QUALIFIED FACULTY (Check all that apply)****Use Existing Faculty:** No

# - 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****Education:** Associate's Degree**Experience:** 3 years in the field of study**Certification:****FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS****Department :**

**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.**

Adding this CTC should have no impact on the College; current faculty member will be utilized.

**ANTICIPATED ENROLLMENT:**

Students	Year One	Year Two	Year Three	Year Four	Year Five
DAY	6	8	9	10	10
EVENING					
DISTANCE EDUCATION					

**Describe Process for Attaining & Estimating Enrollment:** The current enrollment is four students. While this program will likely not grow exponentially due to industry demand, it can become a stable program for the College and region.

**PROGRAM ACCREDITATION:**

<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.)**

**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.**

By adding the CTC with the included IBC (Firefighter Type II Crew Member), students will earn a credential that is accepted and recognized by the forestry industry, giving them greater access to the workforce upon program completion.

**KEYWORDS**

## Diploma/Certificate Options

## Forest Technology-030511-Diploma Certificate Option

Course No.	Course Title	Lecture	Lab	Total Credit Hrs
ORNT 1000	Freshman Seminar	1	0	1
FRTY 1111	Introduction to Forest Technology	3	0	3
CPTR 1000	Introduction to Computers	1	1	2
FRTY 2720	Wildlife Habitat Ecology and Game	1	1	2
FRTY 2410	Forestry Products	1	1	2
	<b>TCA – Resource Management Assistant (10)</b>			<b>10</b>
FRTY 2420	Introduction to Global Information Systems and Global Positional Systems	2	1	3
FRTY 1330	Timber Harvesting	2	2	4
FRTY 2520	Forest Mensuration I	2	1	3
	<b>CTS – Forest Harvesting and Planting Assistant (20)</b>			<b>10</b>
FRTY 1310	Silviculture	3	3	6
FRTY 2510	Forest Insects and Diseases	2	1	3
FRTY 2620	Reforestation	2	2	4
FRTY 1120	Dendrology	3	3	6
	<b>CTS – Forest Technician Site Assistant (39)</b>			<b>19</b>
HORT 1000	Horticulture 1 Lab	0	3	3
FRTY 2710	Prescribed Burning and Wildfire Control	3	3	6
FRTY 1210	Forest Surveying	2	3	5
FRTY 2610	Forest Mensuration II	3	3	6
JOBS 2450	Job Seeking Skills	2	0	2
	<b>TD – Forest Technology (61)</b>			<b>22</b>

CIP Code: 030511

Total Clock Hrs: 1380



***School Of Transportation and Applied Technology***

**FOREST TECHNOLOGY**

**Diploma/Certificate Options**

<b>Course No.</b>	<b>Course Title</b>	<b>Lecture</b>	<b>Lab</b>	<b>Total Credit Hrs</b>	<b>Clock hrs</b>
FRTY 1111	Introduction to Forest Technology	3	0	3	45
ITEC 1000	Application Basics	3	0	3	45
FRTY 2720	Wildlife Habitat Ecology and Game Management	1	1	2	45
FRTY 2410	Forestry Products	1	1	2	45
FRTY 2710	Prescribed Burning and Wildfire Control	3	3	6	135
<b>CTC</b>	<b>Resource Management Assistant</b>			<b>16</b>	<b>315</b>
FRTY 2420	Introduction to Geographic Information Systems and Global Positioning Systems	2	1	3	60
FRTY 1330	Timber Harvesting	2	2	4	90
FRTY 2520	Forest Mensuration I	2	1	3	60
<b>CTS</b>	<b>Forest Harvesting and Planting Assistant</b>			<b>26</b>	<b>525</b>
FRTY 2620	Reforestation	2	2	4	90
FRTY 1310	Silviculture	3	3	6	135
FRTY 2510	Forest Insects and Diseases	2	1	3	60
FRTY 1120	Dendrology	3	3	6	135
FRTY 1210	Forest Surveying	2	3	5	120
FRTY 2610	Forest Mensuration II	3	3	6	135
HORT 1000	Horticulture lab	0	3	3	90
<b>TD</b>	<b>Forest Technology</b>			<b>59</b>	<b>1290</b>

CIP Code: 030511  
 Total Clock Hrs: 1290



**Sowela Building Trades - 03/11/2019**

**TYPE OF PROPOSED CHANGE :** Curriculum Modification

**PROGRAM NAME :** Building Trades

**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:** Construction Specialist

**Program Delivery Mode:** Standard

**CIP:** 46.0401

**Credit Hours:** 11.00

**Contact Hours:** 240.00

Career and Technical Certificate (C.T.C)

**IBC:** NCCER Core

**Issuing Body:**  
National Center for Construction Education and Research

**Course Title:**  
Customer Relations

**Course Prefix:**  
BLDG

**Course Credits Awarded:**  
1330 2.00

**Number: IBC Awarded upon Completion?**  
: Yes

**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.**

We propose the following:

Add a CTC (Construction Specialist) to replace a TCA ( Construction Specialist)

Decrease the credit hours from 12 to 11 by the deletion of ORNT 1000 which is 1 credit hour

There is an embedded IBC that students will receive upon completion of the course offered through the National Center for Construction and Education Research (NCCER)

Program clock hours will be reduced from 330 hours to 240 hours

**IMPLEMENTATION DATE (Semester and Year)**

Fall 2019

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

N/A

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

By adding the CTC with the included IBC (NCCER Core), students will earn a credential that is accepted and recognized by the construction industry, giving them greater access to job placement upon program completion.

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

SOWELA FCI Instructional Site

**QUALIFIED FACULTY (Check all that apply)****Use Existing Faculty: Yes**

# - Full Time: 0

# - Part Time: 1

**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:****Experience:****Certification:****FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS**

**Department :** School of Transportation and Applied 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.**

There is no impact by adding this CTC. Current faculty will be utilized.

**ANTICIPATED ENROLLMENT:**

Students	Year One	Year Two	Year Three	Year Four	Year Five
<b>DAY</b>	60	80	80	80	80
<b>EVENING</b>					
<b>DISTANCE EDUCATION</b>					

**Describe Process for Attaining & Estimating Enrollment:**

The current program is located in the Federal Correctional Institute (FCI)

**PROGRAM ACCREDITATION:**

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

**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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<b>Program, Degree or Concentration:</b>	<b>Credit Hours: 0.00</b>
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**BENEFITS TO THE SYSTEM**

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

By adding the CTC with the included IBC (NCCER Core), students will earn a credential that is accepted and recognized by the construction industry, giving them greater access to the workforce upon program completion.

**KEYWORDS**




**School Of Transportation and Applied Technology**

**Building Technology Specialist**

**DIPLOMA/CERTIFICATE OPTIONS**

**CTC – CONSTRUCTION SPECIALIST**

**CURRICULUM**

<b>Course No.</b>	<b>Course Title</b>	<b>Lecture</b>	<b>Lab</b>	<b>Total Credit Hrs.</b>	<b>Total Clock Hrs.</b>
<b>BLDG 1110</b>	<b>Introduction and Safety</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>15</b>
<b>BLDG 1140</b>	<b>Blueprint Reading</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>45</b>
<b>BLDG 1130</b>	<b>Carpentry</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>105</b>
<b>BLDG 1150</b>	<b>Masonry/Ceramic Tile</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>45</b>
<b>BLDG 1330</b>	<b>Customer Relations</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>30</b>
	<b>CTC – CONSTRUCTION SPECIALIST</b>			<b>11</b>	<b>240</b>



**School Of Transportation and Applied Technology**

**Building Technology Specialist**

**DIPLOMA/CERTIFICATE OPTIONS**

TCA – CONSTRUCTION SPECIALIST

**CURRICULUM**

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
ORNT 1000	Freshman Seminar	1	0	1	15
BLDG 1110	Introduction and Safety	1	0	1	15
BLDG 1140	Blueprint Reading	1	1	2	60
BLDG 1130	Carpentry	1	3	4	150
BLDG 1150	Masonry/Ceramic Tile	1	1	2	60
BLDG 1330	Customer Relations	2	0	2	30
	TCA – CONSTRUCTION SPECIALIST			12	330

## Horticulture/Landscape - 03/11/2019

<b>TYPE OF PROPOSED CHANGE :</b> Curriculum Modification			
<b>PROGRAM NAME :</b> Horticulture/Landscape			
<b>AWARD LEVEL(S)</b>			
<b>For Board of Regents and LCTCS Review:</b>		<b>For LCTCS Review:</b>	
<b>Name:</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> 2 Stars			
<b>Name:</b> Grower Technician		<b>Program Delivery Mode:</b> Standard	
<b>CIP:</b> 01.0601	<b>Credit Hours:</b> 14.00	<b>Contact Hours:</b> 360.00	Career and Technical Certificate (C.T.C)
<b>IBC:</b> Landscape Horticulturist License	<b>Issuing Course Title:</b> Horticulture Louisiana Department of Agriculture & Forestry	<b>Course Body:</b> Lab HORT	<b>Course Credits</b> <b>Number:</b> 3.00 <b>IBC</b> <b>Awarded:</b> 1000 <b>Awarded upon Completion?</b> : Yes
<b>PROPOSED CHANGE</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.			
We propose the following: Add a CTC (Grower Technician) to replace a TCA ( Grower Technician) Decrease the credit hours from 15 to 14 by deletion of ORNT 1000 which is 1 credit hour There is an embedded IBC - students will be eligible to test for the Landscape Horticulturist Licence given by the Louisiana Department of Agriculture & Forestry Program clock hours will be reduced from 435 hours to 360 hours			
<b>IMPLEMENTATION DATE (Semester and Year)</b>	Fall 2019		

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

N/A

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

By adding the CTC with the included IBC (Landscape Horticulturist License), students will be eligible to earn a credential that is accepted and recognized by the horticulture industry statewide, giving them greater access to job placement upon completion of the program.

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

**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.**

**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 :****QUALIFIED FACULTY (Check all that apply)****Use Existing Faculty: No**

# - Full Time: 0

# - Part Time: 1

**Hire Adjunct Faculty: No**

# - 0

**Hire Full-Time Faculty: No**

# - 0



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

**MINIMUM CREDENTIALS REQUIRED FOR FACULTY**

**Education:**

**Experience:** 4 years

**Certification:** Landscape  
Horticulturist License

<b>PROGRAM ACCREDITATION:</b>	
<b>Is Program Accreditation, Licensure or Certification Required?</b>	Mandatory  <b>Accreditation status:</b> Approved
<b>Type/Name of Program Accreditation, Licensure or Certification Required:</b>	

<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: 0.00</b>		

**BENEFITS TO THE SYSTEM**

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

There is fiscal impact that will be passed on to the student of \$114.00 for landscape horticulturist licensing test; current faculty will be utilized.

**ANTICIPATED ENROLLMENT:**

<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>	60	80	80	80	80
<b>EVENING</b>					
<b>DISTANCE EDUCATION</b>					

**Describe Process for Attaining & Estimating Enrollment:**

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

By adding the CTC with the included IBC (Landscape Horticulturist License), students will be eligible to earn a credential that is accepted and recognized by the horticulture industry statewide, giving them greater access to the workforce upon completion of the program.

**KEYWORDS**



**School Of Transportation and Applied Technology**

**HORTICULTURE/LANDSCAPE**

**DIPLOMA/CERTIFICATE OPTIONS**

CTC – GROWER TECHNICIAN

**CURRICULUM**

Course No.	Course	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
HORT 1210	Botany	1	3	4	105
HORT 1130	Plant Identification Theory I	1	1	2	45
HORT 1420	Plant Propagation	1	3	4	105
HORT 1220	Horticulture Laws & Regulations	1	0	1	15
HORT 1000	Horticulture Lab I	0	3	3	90
	<b>CTC – GROWER TECHNICIAN</b>			<b>14</b>	<b>360</b>



**School Of Transportation and Applied Technology**

**HORTICULTURE/LANDSCAPE**

**DIPLOMA/CERTIFICATE OPTIONS**

CTC – GROWER TECHNICIAN

**CURRICULUM**

Course No.	Course	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
ORNT 1000	Freshman Seminar	1	0	1	15
HORT 1210	Botany	1	3	4	105
HORT 1130	Plant Identification Theory I	1	1	2	60
HORT 1420	Plant Propagation	1	3	4	105
HORT 1220	Horticulture Laws & Regulations	1	0	1	15
HORT 1000	Horticulture Lab I	0	3	3	135
	TCA – GROWER TECHNICIAN			15	435