



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 Nunez Community College
DATE: 05/27/2019

APPROVED
6/12/19
LCTCS BOARD OF SUPERVISORS

FOR BOARD ACTION:

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

Program Additions

- 1. Technical Diploma (TD) Certified Combo Welder, (CIP 48.0508) – 5 STARS
a. Certificate of Technical Studies (CTS) Welding, (CIP 48.0508) – 5 STARS
i. Career and Technical Certificate (CTC) Shielded Metal Arc Welding, (CIP 48.0508) with IBCs in SMAW 1G Plate, SMAW 2G Plate, and SMAW 3G Plate from the American Welding Society – 5 STARS
2. Career and Technical Certificate (CTC), Hotel, Restaurant, & Tourism Administration (CIP 52.0101) with IBCs in Certified Guest Service Professional and Certified Front Desk Representative from the American Hotel and Lodging Educational Institute – 3 STARS
3. Career and Technical Certificate (CTC) Baker, (CIP 12.0501) with an IBC in ServSafe Manager from the National Restaurant Association – 2 STARS
4. Career and Technical Certificate (CTC) Cook, (CIP 12.0503) with an IBC in ServSafe Manager from the National Restaurant Association – 2 STARS
5. Career and Technical Certificate (CTC) Food Service Manager, (CIP 12.0504) with IBCs in ServSafe Manager, Purchasing, Cost Control, and Hospitality and Restaurant Manger from the National Restaurant Association – 3 STARS

Program Modifications

- 8. Certificate of Technical Studies (CTS), Heating Ventilation and Air Conditioning (CIP 47.0201) – 5 STARS

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Creating Futures

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Vincent St. Blanc, III

Student Members:
Jeremy Gray
Raissa Oliveira Yantis

Louisiana
Community
& Technical
College System

265 South Foster Drive
Baton Rouge, LA 70806

Phone: 225-922-2800
Fax: 225-922-1185

www.lctcs.edu



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9. Certificate of Technical Studies (CTS) Electrical Construction, (CIP 46.0302) – 5 STARS

Program Deletions

10. Technical Competency Area (TCA) Shielded Metal Arc Welding, (CIP 48.0508) – 5 STARS

11. Technical Competency Area (TCA), Hotel, Restaurant, & Tourism Administration (CIP 52.0101) – 3 STARS

11. Technical Competency Area (TCA) Baker, (CIP 12.0501)– 2 STARS

12. Technical Competency Area (TCA) Cook, (CIP 12.0503)– 2 STARS

13. Technical Competency Area (TCA) Food Service Manager, (CIP 12.0504)– 3 STARS

Background: Nunez Community College is requesting to replace several Technical Competency Areas (TCA) with Career and Technical Certificates (CTC) per Board of Regents Policy 2.15. There are no changes to the credit or clock hours unless otherwise noted.

Nunez Community College is proposing to replace the current welding curriculum to allow students the opportunity to achieve in-depth and sought after welding skills in a systematic way that begins with earning a Career and Technical Certificate (CTC), progresses through a Certificate of Technical Studies (CTS) and culminates with a Technical Diploma (TD). This change will reorganize the curriculum of the CTS to better fit the current needs of industry and to create a stackable series of credentials. The curriculum allows students to test for embedded IBCs at each level, improving the employability of completers. This new curriculum supports the needs of industry and was developed with input from industry partners including the craft skills advisory board. Embedded IBCs were chosen with input from partners.

Nunez Community College is proposing to replace the current HVAC curriculum with one that aligns with National Center for Construction Education and Research (NCCER) standards and allows students to earn Industry Based Credentials. The curriculum being replaced was a 33-hour program that did not include opportunities for students to earn IBCs along the way. This proposed 18-hour curriculum allows students to earn 3 IBCs in less time and be prepared for in-demand work quickly. This change in curriculum aligns with NCCER standards allowing students who complete the credential to earn 3 IBCs, improving employability in a little more than half the credit hours of the previous CTS. Members of the Nunez Community College Craft Skills Advisory Board support use of NCCER credentialing in HVAC training.

Nunez Community College is requesting to modify the electrical program curriculum to reflect the current inventory of degree and credentials (CRIN) maintained by the Louisiana Board of Regents. This electrical curriculum appears in the Nunez catalog



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beginning in 2014-15, but the program is listed on the CRIN with 33 credit hours as it appeared in their 2011-2012 catalog. This revision is to correct that and replace the program with the current program that is aligned with NCCER standards. The curriculum in this proposal allows students to develop basic skills in Electrical Construction and earn NCCER credentials.

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 modifying curriculum to meet student and industry needs.

Benefits to the System: The changes will ensure curriculum is aligned to industry needs and better able to prepare students for successful entry into the workforce.

Approved for Recommendation to the Board
Dr. Monty Sullivan

6-12-19

Date

Nunez Welding - 05/09/2019

TYPE OF PROPOSED CHANGE : New Program

PROGRAM NAME : Welding

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: Certified Combo Welder

Program Delivery Mode: Standard

CIP: 480508

Credit Hours: 52.00

Contact Hours: 1219.00

Technical Diploma (T.D.)

| | | | | | | |
|------------------------------|--|--|-------------------------------|-------------------------------|---------------------------------|--|
| IBC: GMAW 1G Plate | Issuing Body: American Welding Society | Course Title: Gas Metal Arc Welding | Course Prefix: WELD | Course Number: 1600 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |
| IBC: GMAW 2 Plate | Issuing Body: American Welding Society | Course Title: Gas Metal Arc Welding | Course Prefix: WELD | Course Number: 1600 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |
| IBC: GMAW 3G Plate | Issuing Body: American Welding Society | Course Title: Gas Metal Arc Welding | Course Prefix: WELD | Course Number: 1600 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |

| | | | | | | |
|------------------------------|--|---|-----------------------------------|-----------------------------------|-------------------------------------|---|
| IBC: FCAW 1G Plate | Issuing Body: American Welding Society | Course Title: Flux-cored Arc Welding | Course Prefix: WELD | Course Number: 1800 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |
|------------------------------|--|---|-----------------------------------|-----------------------------------|-------------------------------------|---|

| | | | | | | |
|------------------------------|--|---|--------------------------------|-----------------------------------|-------------------------------------|--|
| IBC: FCAW 2G Plate | Issuing Body: American Welding Society | Course Title: Flux-cored Arc Welding | Course Prefix: WELD | Course Number: 1800 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: FCAW 3G Plate | Issuing Body: American Welding Society | Course Title: Flux-cored Arc Welding | Course Prefix: WELD | Course Number: 1800 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: SMAW 2G Pipe | Issuing Body: American Welding Society | Course Title: SMAW Pipe 1 | Course Prefix: WELD | Course Number: 2100 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: SMAW 5G Pipe | Issuing Body: American Welding Society | Course Title: SMAW Pipe 1 | Course Prefix: WELD | Course Number: 2100 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: SMAW 6G Pipe | Issuing Body: American Welding Society | Course Title: SMAW Pipe 2 | Course Prefix: WELD | Course Number: 2200 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: GTAW 1G | Issuing Body: American Welding Society | Course Title: Gas Tungsten Arc Welding | Course Prefix: WELD | Course Number: 2800 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: GTAW 2G | Issuing Body: American Welding Society | Course Title: Gas Tungsten Arc Welding | Course Prefix: WELD | Course Number: 2800 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |

| | | | | | | |
|---|--|---|---------------------------------|-----------------------------------|-------------------------------------|--|
| IBC: GTAW 3G | Issuing Body: American Welding Society | Course Title: Gas Tungsten Arc Welding | Course Prefix: WELD | Course Number: 2800 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: NCCER Core | Issuing Body: NCCER | Course Title: Introduction to Construction | Course Prefix: CONST | Course Number: 1000 | Credits Awarded: 5.00 | IBC Awarded upon Completion?: |
| <div style="display: flex; justify-content: space-between; align-items: center;"> Stars : 5 Stars <div style="border: 1px solid black; width: 80%; height: 20px;"></div> </div> | | | | | | |

| | | | | | | |
|---|--|---|--|---|-------------------------------------|--|
| Name: Welding | | | Program Delivery Mode: Standard | | | |
| CIP: 480508 | Credit Hours: 20.00 | Contact Hours: 450.00 | Certificate of Technical Studies (C.T.S.) | | | |
| IBC: SMAW 3G Plate | Issuing Body: American Welding Society | Course Title: Shielded Metal Arc Welding III | Course Prefix: WELD | Course Number: 1200 or 1300 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: SMAW 4G Plate | Issuing Body: American Welding Society | Course Title: Shielded Metal Arc Welding III | Course Prefix: WELD | Course Number: 1300 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
| <div style="display: flex; justify-content: space-between; align-items: center;"> Stars : 5 Stars <div style="border: 1px solid black; width: 80%; height: 20px;"></div> </div> | | | | | | |
| Name: Shielded Metal Arc Welding | | | Program Delivery Mode: Standard | | | |
| CIP: 480508 | Credit Hours: 9.00 | Contact Hours: 225.00 | Career and Technical Certificate (C.T.C) | | | |
| IBC: SMAW 2G Plate | Issuing Body: American Welding Society | Course Title: Shielded Metal Arc Welding I | Course Prefix: WELD | Course Number: 1100 or 1200 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |

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

This new curriculum supports the needs of industry and was developed with input from industry partners including the craft skills advisory board and embedded IBCs were chosen with input from partners. The Welding program's recent move to a new space allows the program to better provide instruction in expanded skills that will allow students to continue to advance in a career after learning basic welding skills.

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

Nunez currently offers a CTS in Welding and a TCA. The curriculum presented in this proposal replaces those credentials. The TCA will be eliminated. The CTS will be replaced with the curriculum in this proposal. A Technical Diploma for Certified Combo Welder will be added to the curriculum with this proposal.

| | | | | | | |
|------------------------------|---|--|--------------------------------|-----------------------------------|-------------------------------------|--|
| IBC: SMAW 3G Plate | Issuing Body: America Welding Society | Course Title: Shielded Metal Arc Welding II | Course Prefix: WELD | Course Number: 1200 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
| IBC: SMAW 1G Plate | Issuing Body: America Welding Society | Course Title: Shielded Metal Arc Welding I | Course Prefix: WELD | Course Number: 1100 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |

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.

This proposal replaces the current Welding curriculum and allows students to achieve in-depth and sought after Welding skills in a systematic way that allows students to begin with earning a CTC and progress through a CTS and finally a Technical Diploma. This curriculum replaces the current TCA with the new CTC and reorganizes the curriculum of the CTS to better fit the current needs of industry and to create a stackable series of credentials. The curriculum allows students to test for embedded IBCs at each level, improving the employability of completers.

| | | |
|---|-----------|------------------|
| IMPLEMENTATION DATE (Semester and Year) | Fall 2019 | Or upon approval |
|---|-----------|------------------|

Department : Technical Programs

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.

The Welding program already exists at the institution and this change in curriculum will not affect the structure of the department. The program is in the process of obtaining the equipment to teach the skills in the new curriculum through recent replacement projects related to FEMA recovery for the program from Hurricane Katrina and is now located in a better space than earlier semesters. However, careful planning will be necessary to ensure that space is used efficiently. Additional investment in equipment may be necessary as the program grows and progresses.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

QUALIFIED FACULTY (Check all that apply)

| | | |
|--|---|--|
| Use Existing Faculty: Yes # - Full Time: 2 # - Part Time: 1 | Hire Adjunct Faculty: Yes # - 2 | 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 Degree | Experience: 3 years | Certification: American Welding Society Certification |
|------------------------------------|----------------------------|--|

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

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 proposed Welding curriculum allows students to access ongoing training to fill the needs of industry with skills beyond the basic skills currently being offered. This program will also allow working welders to pursue skills to advance in their career through advanced training. A search of NolaJobs.com on April 22 returned 45 listings for welders. A search on LaWorks.net on the same date returned 88 listings for welders statewide. In this program revision, students will be able to acquire all of the skills necessary to become a professional welder, equipped to work in any sector of the welding industry. The curriculum in this proposal provides a path to real, tangible success students and supports the industry with a training pathway that will provide employees with needed skills.

KEYWORDS

Weld
Welder
Welding
Pipe Welding

Nunez Hotel, Restaurant & Tourism Administration Skills - 05/09/2019

| | | | | | | |
|---|---|---|---|--|--|-------------------------------------|
| TYPE OF PROPOSED CHANGE : New Program | | | | | | |
| PROGRAM NAME : Hotel, Restaurant & Tourism Administration Skills | | | | | | |
| 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 : 3 Stars | | | | | | |
| Name: Hotel, Restaurant & Tourism Administration | | | | Program Delivery Mode: Standard | | |
| CIP: 520101 | Credit Hours: 9.00 | | Contact Hours: 0.00 | | Career and Technical Certificate (C.T.C) | |
| IBC: Certified Guest Service Professional | Issuing Body: American Hotel & Lodging | Course Title: Introduction to Hospitality Management | Course Prefix: BUSN | Course Number: 1800 | Credits Awarded: 3.00 | IBC Awarded upon Completion? |
| | | : No-Test is Educational | | Required | | |
| IBC: Certified Front Desk Representative | Issuing Body: American Hotel & Lodging Educational Institute | Course Title: Lodging Management | Course Prefix: BUSN | Course Number: 2800 | Credits Awarded: 3.00 | IBC Awarded upon Completion? |
| | | | | : No-Test is Required | | |

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.

This credential replaces the current TCA with no change of curriculum. The program supports students in gaining skills in using information systems common to the hospitality industry and provides training that allows students to sit for IBCs that enhance employability.

| | | |
|--|-------------|------------------|
| IMPLEMENTATION DATE (Semester and Year) | Summer 2019 | Or upon approval |
|--|-------------|------------------|

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

This credential replaces the current TCA with no change of curriculum.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

This credential allows students to learn skills and earn certifications in the hospitality industry. The curriculum supports the quick attainment of a certificate and IBCs that prepare completers to enter the hospitality workforce with in-demand skills.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

QUALIFIED FACULTY (Check all that apply)

| | | |
|---|--|--|
| Use Existing Faculty: No # - Full Time: 0 # - Part Time: 2 | 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: Masters | Experience: 3 years | Certification: n/a |
|---------------------------|----------------------------|---------------------------|

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : Business

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.

This credential replaces a current TCA and will not affect the departmental structure or fund allocations.

ANTICIPATED ENROLLMENT:

| Students | Year One | Year Two | Year Three | Year Four | Year Five |
|--------------------|----------|----------|------------|-----------|-----------|
| DAY | 0 | 0 | 10 | 10 | 12 |
| EVENING | 10 | 10 | 12 | 15 | 18 |
| DISTANCE EDUCATION | | | | | |

Describe Process for Attaining & Estimating Enrollment:

Year one assumes one full class in an evening session. Year 2-5 assumes moderate growth in evenings and adding a daytime class.

PROGRAM ACCREDITATION:

| | |
|---|---|
| Is Program Accreditation, Licensure or Certification Required? | Mandatory Accreditation status: Approved |
| 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 |
|--|---------------|--|---------------|-----------|---------------------------|--------------|----------------|
| Program, Degree or Concentration: Hotel, Restaurant & Tourism Administration Skills | | | | | Credit Hours: 9.00 | | |
| BUSN | 1100 | Introduction to Business | 45.00 | 0.00 | 0.00 | 3.00 | 0.00 |
| BUSN | 1800 | Introduction to Hospitality Management | 45.00 | 0.00 | 0.00 | 3.00 | 0.00 |

| Semester: | | | | | Credit Hours: | | |
|------------------|------|--------------------|-------|------|----------------------|------|------|
| BUSN | 2800 | Lodging Management | 45.00 | 0.00 | 0.00 | 3.00 | 0.00 |

BENEFITS TO THE SYSTEM

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

This credential allows students to learn skills and earn certifications in the hospitality industry making students more employable and gives employers access to training potential employees.

KEYWORDS

Hospitality
hotel
lodging

Nunez Food Service Manager - 05/09/2019

TYPE OF PROPOSED CHANGE : New Program

PROGRAM NAME : Food Service Manager

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 : 3 Stars

Name: Food Service Manager

Program Delivery Mode: Standard

CIP: 120504

Credit Hours: 12.00

Contact Hours: 180.00

Career and Technical Certificate (C.T.C)

| | | | | | | |
|------------------------------|---|---|-------------------------------|-------------------------------|---------------------------------|--|
| IBC: ServSafe Manager | Issuing Body: National Restaurant Association | Course Title: Sanitation | Course Prefix: CULA | Course Number: 1050 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |
| IBC: Purchasing | Issuing Body: National Restaurant Association | Course Title: Food Service Management 1 | Course Prefix: CULA | Course Number: 1700 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |

| | | | | | | |
|--------------------------|---|---|-------------------------------|-------------------------------|---------------------------------|--|
| IBC: Cost Control | Issuing Body: National Restaurant Association | Course Title: Food Service Management 2 | Course Prefix: CULA | Course Number: 2710 | Credits Awarded: 3.00 | IBC Awarded upon Completion? : No-Test is Required |
|--------------------------|---|---|-------------------------------|-------------------------------|---------------------------------|--|

| | | | | | | |
|---|---|--|--------------------------------|-----------------------------------|-------------------------------------|--|
| IBC: Hospitality and Restaurant Manager | Issuing Body: National Restaurant Association | Course Title: Food Service Management 3 | Course Prefix: CULA | Course Number: 2730 | Credits Awarded: 3.00 | IBC Awarded upon Completion?: No-Test is Required |
|---|---|--|--------------------------------|-----------------------------------|-------------------------------------|--|

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.

This is one of three CTCs being proposed to replace the existing Culinary Arts TCAs. This credential develops student's skills and knowledge in managing in the food service industry and allows them to earn industry certifications that make them employable. The skills in this CTC focus on management and gives students tools to be effective in the industry.

| | | |
|--|-----------|------------------|
| IMPLEMENTATION DATE (Semester and Year) | Fall 2019 | Or upon approval |
|--|-----------|------------------|

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

This CTC groups the management skills taught in the Culinary Arts program into a credential that focuses on skills that are needed to effectively run the business side food service. These courses are part of higher level credentials in the Culinary Arts program.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

This credential allows students to focus on management skills and provides employers evidence that clearly shows that students have the skills to effectively run the business of food service. The curriculum is aligned with the National Restaurant Association's requirements for Purchasing, Cost Control, Manager and ServSafe credentials.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

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: | Experience: | Certification: 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.

These courses already exist and adding this credential will not change the structure or allocation of departmental funds.

ANTICIPATED ENROLLMENT:

| Students | Year One | Year Two | Year Three | Year Four | Year Five |
|---------------------------|-----------------|-----------------|-------------------|------------------|------------------|
| DAY | 10 | 10 | 12 | 12 | 15 |
| EVENING | | | 12 | 15 | 15 |
| DISTANCE EDUCATION | | | | | |

Describe Process for Attaining & Estimating Enrollment:

Year one and two are based on current enrollment. Years three through five assume modest growth and the addition of an evening section.

PROGRAM ACCREDITATION:

Is Program Accreditation, Licensure or Certification Required?

No

Accreditation status:

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 |
|--|---------------|---------------------------|---------------|-----------|---------------------------|--------------|----------------|
| Program, Degree or Concentration: | | | | | Credit Hours: 0.00 | | |
| CULA | 1050 | Sanitation | 3.00 | 0.00 | 0.00 | 3.00 | 0.00 |
| CULA | 1700 | Food Service Management 1 | 3.00 | 0.00 | 0.00 | 3.00 | 0.00 |
| CULA | 2710 | Food Service Management 2 | 3.00 | 0.00 | 0.00 | 3.00 | 0.00 |
| CULA | 2730 | Food Service Management 3 | 3.00 | 0.00 | 0.00 | 3.00 | 0.00 |

BENEFITS TO THE SYSTEM

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

This program allows an exit point for students who want to focus on the business side of food service with embedded National Restaurant Association IBCs that ensure their skills and make them sought after employees. A search of the Louisiana Workforce commission website on 5-8-2019 returned 1660 open position for food service and food preparation managers. This credential is also valuable for small business owners and entrepreneurs in food service.

KEYWORDS

Food Service
 Food Service Manager
 Restaurant Manager
 Hospitality Restaurant

Nunez Baker - 05/09/2019

TYPE OF PROPOSED CHANGE : New Program

PROGRAM NAME : Baker

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: Baker

Program Delivery Mode: Standard

CIP: 120501

Credit Hours: 9.00

Contact Hours: 165.00

Career and Technical Certificate (C.T.C)

IBC:

ServeSafe
Manager
Certification

Issuing Course Title:

Sanitation Prefix:
National
Restaurant
Association

Course Body:

CULA

Course

Awarded:

1500

Credits

3.00

Number:

IBC Awarded upon Completion?
: No-Test is Required

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.

This program prepares students to immediately enter the workforce with the skills to be a baker. These courses are included in higher level credentials for the Culinary Arts program and provide an early exit point for students who choose to enter the workforce or are working while attending college.

IMPLEMENTATION DATE (Semester and Year)

Fall 2019

Or upon approval

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.

This program allows students to develop skills directly related to baking, making students immediately employable with all the needed skills to obtain entry-level positions in the industry. With compressed scheduling, students can complete this credential in one semester.

Current TCAs in Culinary arts are being deleted and Baker will be one of three new CTCs that allow students to develop skills directly related to food industry positions and be immediately employable.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

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: Masters preferred | Experience: 3 years | Certification: National Restaurant Association: ServSafe Instructor |
|-------------------------------------|----------------------------|--|

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : Career and Technical Programs

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.

These courses already exist and this credential will not affect departmental structure or allocations.

ANTICIPATED ENROLLMENT:

| | | | | | |
|-----------------|-----------------|-----------------|-------------------|------------------|------------------|
| Students | Year One | Year Two | Year Three | Year Four | Year Five |
|-----------------|-----------------|-----------------|-------------------|------------------|------------------|

| | | | | | |
|---------------------------|----|----|----|----|----|
| DAY | 10 | 12 | 12 | 12 | 15 |
| EVENING | | | 10 | 10 | 12 |
| DISTANCE EDUCATION | | | | | |

| | |
|--|--|
| Describe Process for Attaining & Estimating Enrollment: | Year one is based on current enrollment. Year two assumes modest growth. Years three through five assume the addition of an evening section and continued modest growth. |
|--|--|

PROGRAM ACCREDITATION:

| | |
|---|--|
| Is Program Accreditation, Licensure or Certification Required? | No Accreditation status: |
|---|--|

| | |
|---|--|
| 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 |
|--|---------------|-----------------|---------------|-----------|---------------------------|--------------|----------------|
| Program, Degree or Concentration: Baker | | | | | Credit Hours: 9.00 | | |
| CULA | 1050 | Sanitation | 3.00 | 0.00 | 45.00 | 3.00 | 0.00 |
| CULA | 1500 | Baking | 2.00 | 3.00 | 60.00 | 3.00 | 0.00 |
| CULA | 1600 | Advanced Baking | 2.00 | 3.00 | 60.00 | 3.00 | 0.00 |

BENEFITS TO THE SYSTEM

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

This program prepares students to immediately enter the workforce with the skills to be a baker. These courses are included in higher level credentials for the Culinary Arts program and provide an early exit point for students who choose to enter the workforce or are working while attending college. A search of the Louisiana Workforce Commission website on 5-8-2019 returned 78 jobs for bakers. This credential addresses the ongoing problem of students in Culinary Arts leaving before completing any credential, because of a strong job market in the New Orleans area and allows students to focus on baking if that is their particular area of interest.

KEYWORDS

Baking
Baker
Culinary
Culinary Arts

Nunez Cook - 05/09/2019

| | | | |
|---|---|--|--|
| TYPE OF PROPOSED CHANGE : New Program | | | |
| PROGRAM NAME : Cook | | | |
| 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: Cook | | Program Delivery Mode: Standard | |
| CIP: 120503 | Credit Hours: 9.00 | Contact Hours: 165.00 | Career and Technical Certificate (C.T.C) |
| IBC: ServeSafe Manager | Issuing Course Title: Sanitation National Restaurant Association | Course Body: CULA | Course Credits Number: IBC Awarded: 1050 3.00 Awarded upon Completion? : No-Test is Required |
| 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. | | | |
| This Cook CTC is one of three CTCs replacing existing TCAs in Culinary Arts. This program develops student's skills and basic knowledge and skills necessary to be immediately employable as a cook in the food industry. The program allows students to focus on cooking skills and allows them to sit for the ServSafe credential, making them immediately employable. This credential also addresses the issue of students leaving college without achieving any credential. This focus of courses allows students to package entry level cooking skills into a credential that they take with them into the industry early in their educational experience. | | | |
| IMPLEMENTATION DATE (Semester and Year) | Fall 2019 | Or upon approval | |

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

This Cook CTC is one of three CTCs replacing existing TCAs in Culinary Arts. This program develops student's skills and basic knowledge and skills necessary to be immediately employable as a cook in the food industry.

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

This credential provides essential skills and knowledge to students making them immediately employable and allows them to take a credential with them early in their educational experience addressing the continuing problem of students in Culinary Arts leaving prior to completing a credential with a strong job market in the New Orleans area.

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS**Department :** Career and Technical Education

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: Yes**

- Full Time: 2

- Part Time: 0

Hire Adjunct Faculty: No

- 0

Hire Full-Time Faculty: No

- 0

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Masters preferred

Experience: 3 years

Certification: National Restaurant Association ServeSafe Instructor

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: Cook | | | | | Credit Hours: 9.00 | | |
| CULA | 1020 | Basic Food Preparation | 2.00 | 3.00 | 60.00 | 3.00 | 0.00 |
| CULA | 1050 | Sanitation | 3.00 | 0.00 | 45.00 | 3.00 | 0.00 |
| CULA | 1750 | Meat Poultry and Seafood | 2.00 | 3.00 | 60.00 | 3.00 | 0.00 |

These courses already exist and this credential will not affect the administrative structure or allocation of departmental funds.

| | |
|---|--|
| PROGRAM ACCREDITATION: | |
| Is Program Accreditation, Licensure or Certification Required? | No Accreditation status: |
| Type/Name of Program Accreditation, Licensure or Certification Required: | |

| | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|
| DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.) | | | | | |
| | | | | | |
| ANTICIPATED ENROLLMENT: | | | | | |
| Students | Year One | Year Two | Year Three | Year Four | Year Five |
| DAY | 10 | 12 | 12 | 12 | 15 |
| EVENING | <input type="text"/> | <input type="text"/> | 10 | 12 | 12 |
| DISTANCE EDUCATION | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Describe Process for Attaining & Estimating Enrollment: | Year one is based on current enrollment. Year 2 assumes modest growth. Years three through five adds an evening section. | | | | |
| | | | | | |

BENEFITS TO THE SYSTEM

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

This credential provides essential skills and knowledge to students making them immediately employable and allows them to take a credential with them early in their educational experience addressing the continuing problem of students in Culinary Arts leaving prior to completing a credential with a strong job market in the New Orleans area. A search of the Louisiana Workforce Commission Website on 5-8-2019 returned 678 open positions.

KEYWORDS

Cook
Culinary Arts
Culinary

Nunez Electrical Construction - 05/09/2019

| | | | | | | |
|--|---|--|--------------------------------|---|---------------------------------|--|
| TYPE OF PROPOSED CHANGE : Curriculum Modification | | | | | | |
| PROGRAM NAME : Electrical Construction | | | | | | |
| 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: Electrical Construction | | | | Program Delivery Mode: Standard | | |
| CIP: 460302 | | Credit Hours: 19.00 | | Contact Hours: 0.00 | | Certificate of Technical Studies (C.T.S.) |
| IBC: NCCER Core | Issuing Body: National Center for Construction Education and Research | Course Title: Introduction to Construction | Course Prefix: CONST | Course Number: 1000 | Credits Awarded: 5.00 | IBC Awarded upon Completion? : No-Test is Required |
| IBC: NCCER Electrical Level 1 | Issuing Body: National Center for Construction Education and Research | Course Title: Electrical Construction 1 | Course Prefix: ELEC | Course Number: 1000 | Credits Awarded: 6.00 | IBC Awarded upon Completion? : No-Test is Required |

| | | | | | | |
|--|---|--|--------------------------------|-----------------------------------|-------------------------------------|---|
| IBC: NCCER Electrical Level 2 | Issuing Body: National Center for Construction Education and Research | Course Title: Electrical Construction 2 | Course Prefix: ELEC | Course Number: 1010 | Credits Awarded: 8.00 | IBC Awarded upon Completion? : No-Test is Required |
|--|---|--|--------------------------------|-----------------------------------|-------------------------------------|---|

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.

This curriculum appears in the Nunez catalog beginning in 2014-15, but the current inventory of degree and credentials maintained by the Louisiana Board of Regents still has this program listed with 33 credit hours as it appears in our 2011-2012 catalog. This revision is to correct that and replace the program with the current program that is aligned with NCER standards and allows students to earn NCCER issued credentials.

| | | |
|--|-------------|------------------|
| IMPLEMENTATION DATE (Semester and Year) | Spring 2019 | Or upon approval |
|--|-------------|------------------|

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

According to the Louisiana Board of Regent, the program was approved in 8/2005 at 33 credit hours as Residential and Commercial Wiring and was renamed Electrical Construction in 2012-13. The new program, at 19 credit hours appears in the Nunez Community College Catalog beginning in 2014-15 at 19 hours with the curriculum being submitted today and with alignment to NCER credentials.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

The curriculum in this proposal allows students to develop basic skills in Electrical Construction and allows them to earn NCCER credentials. These credentials allow a student to qualify for entry-level positions.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main Campus

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**Education:** Associate Degree**Experience:** 3 years**Certification:** Louisiana Licensed Electrician**FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS****Department :** Career and Technical Programs**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.**

The current program exists and will not result in changes.

ANTICIPATED ENROLLMENT:

| Students | Year One | Year Two | Year Three | Year Four | Year Five |
|--------------------|----------|----------|------------|-----------|-----------|
| DAY | 35 | 35 | 35 | 37 | 40 |
| EVENING | 30 | 32 | 35 | 34 | 37 |
| DISTANCE EDUCATION | | | | | |

Describe Process for Attaining & Estimating Enrollment:

Year one is the current enrollment. Years 2-5 anticipate moderate growth in both high school dual enrollment students primarily here is daytime courses and in evening courses supported by the programs recent move to a permanent, newly refurbished area.

PROGRAM ACCREDITATION:**Is Program Accreditation, Licensure or Certification Required?**

No

Accreditation status:**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 |
|--------------|---------------|--------------|---------------|-----------|---------------|--------------|----------------|
|--------------|---------------|--------------|---------------|-----------|---------------|--------------|----------------|

| | |
|--|----------------------------|
| Program, Degree or Concentration: Electrical Construction | Credit Hours: 19.00 |
|--|----------------------------|

BENEFITS TO THE SYSTEM

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

This program exists and is successful at Nunez Community College. Students are sought after and, with industry actively involved in the program, often find work soon after or during their time at Nunez. A search of LaWorks.net on May 6, 2019, returned 150 electrician related positions. This program has been a success over the past years and this change brings the curriculum being taught in line with the current inventory and fits with the Advanced Electrical CTS that builds on the CTS and was approved by the LCTCS in March.

KEYWORDS

Electrical
Electric
NCCER
Electrical Helper

Nunez Heating Ventilation and Air Conditioning - 05/09/2019

| | | | | | | |
|--|--|--|-----------------------------|---|------------------------------|--|
| TYPE OF PROPOSED CHANGE : Curriculum Modification | | | | | | |
| PROGRAM NAME : Heating Ventilation and Air Conditioning | | | | | | |
| 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: Heating Ventilation and Air Conditioning | | | | Program Delivery Mode: Standard | | |
| CIP: 470201 | | Credit Hours: 18.00 | | Contact Hours: 430.00 | | Certificate of Technical Studies (C.T.S.) |
| IBC: NCCER Core | Issuing Body: National Center for Construction Education and Research | Course Title: Introduction to Construction (CORE) | Course Prefix: CONST | Course Number: 1000 | Credits Awarded: 5.00 | IBC Awarded upon Completion? : No-Test is Required |
| IBC: NCCER HVAC Level 1 | Issuing Body: National Center for Construction Education and Research | Course Title: HVAC Level 1 | Course Prefix: HVAC | Course Number: 1100 | Credits Awarded: 6.00 | IBC Awarded upon Completion? : No-Test is Required |

| | | | | | | |
|-----------------------------|---|--------------------------------------|-------------------------------|-------------------------------|---------------------------------|--|
| IBC: HVAC Level 2 | NCCER Issuing Body: National Center for Construction Education and Research | Course Title: HVAC Level 2 | Course Prefix: HVAC | Course Number: 1200 | Credits Awarded: 7.00 | IBC Awarded upon Completion? : No-Test is Required |
|-----------------------------|---|--------------------------------------|-------------------------------|-------------------------------|---------------------------------|--|

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.

This curriculum replaces the current HVAC curriculum. The new curriculum aligns with NCCER standards and allows students to earn Industry based credentials. The curriculum being replaced was a 33-hour program that did not include opportunities for students to earn IBCs along the way. This proposed 18-hour curriculum allows students to earn 3 IBCs in less time and be prepared for in-demand work quickly.

| | | |
|--|-------------|------------------|
| IMPLEMENTATION DATE (Semester and Year) | Summer 2019 | Or upon approval |
|--|-------------|------------------|

HISTORY OF PRIOR ACTIONS

Provide an overview of changes to this program.

This curriculum replaces the curriculum last updated in 2009 (attached to this proposal). This proposed curriculum also aligns with NCCER standards and credentialing for levels 1 and 2.

JUSTIFICATION FOR THE PROPOSED CHANGE

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

This change in curriculum aligns with NCCER standards allowing students who complete the credential to earn 3 IBCs, improving employability in a little more than half the credit hours of the previous CTS. Members of the Nunez Community College Craft Skills Advisory Board, support use of NCCER credentialing in HVAC training.

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION: Main 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: 1 | | |

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 Degree | Experience: 3 years | Certification: Qualified NCCER Instructor |
|------------------------------------|----------------------------|--|

FISCAL IMPACT: ADMINISTRATION and IMPLEMENTATION COSTS

Department : Technical Programs

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.

This curriculum revision will not affect the administrative structure of the department. As the program already exists, additional allocation for supplies, equipment, and faculty, is not required.

ANTICIPATED ENROLLMENT:

| Students | Year One | Year Two | Year Three | Year Four | Year Five |
|---------------------------|----------|----------|------------|-----------|-----------|
| DAY | 10 | 12 | 12 | 14 | 15 |
| EVENING | 8 | 10 | 12 | 12 | 15 |
| DISTANCE EDUCATION | | | | | |

| | |
|--|---|
| Describe Process for Attaining & Estimating Enrollment: | Year one is based on current enrollment. Years 2-5 anticipate moderate growth |
|--|---|

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 |
|---|---------------|------------------------------|---------------|-----------|----------------------------|--------------|----------------|
| Program, Degree or Concentration: Heating Ventilation and Air Conditioning | | | | | Credit Hours: 18.00 | | |
| CONS T | 1000 | Introduction to Construction | 3.00 | 2.00 | 90.00 | 5.00 | 0.00 |
| HVAC | 1100 | HVAC Level 1 | 3.00 | 3.00 | 160.00 | 6.00 | 0.00 |
| Semester: | | | | | Credit Hours: | | |
| HVAC | 1200 | HVAC Level 2 | 3.00 | 4.00 | 180.00 | 7.00 | 0.00 |

BENEFITS TO THE SYSTEM

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

HVAC Technician is in demand. A search of NOLA jobs on March 26, 2019, returned 52 entries. The job is listed at 5 stars on the Louisiana Workforce Commission website. Changing the curriculum to match NCCER standards allows students to earn industry recognized levels skill quickly and those industry-based credentials make students more employable than the curriculum that is being replaced.

KEYWORDS

HVAC
Air Conditioning
Heating
Ventilation
NCCER