

LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

*Changing Lives,
Creating Futures*

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- Jennifer Burgess

Louisiana
Community
& Technical
College System

265 South Foster Drive
Baton Rouge, LA 70806

Phone: 225-922-2800
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www.lctcs.edu

TO: Dr. Monty Sullivan
LCTCS President

THROUGH: Dr. Paul Carlsen
Chief Content Officer

FROM: Dr. René Cintrón
Executive Director, Education and Research

SUBJECT: Program Terminations at Baton Rouge Community College

DATE: 10/24/2016

FOR BOARD ACTION:

Recommendation: Staff recommends that the Board approve of the program terminations listed below.

Program Terminations (To Be Replaced by New Program)


1. Technical Diploma (TD) in Industrial Maintenance Technology (CIP 47.0303) – **5 STARS**
 - a Certificate of Technical Studies (CTS) in Industrial Maintenance Technology, Pneumatic Hydraulic Apprentice (CIP 47.0303) – **4 STARS**
 - b Certificate of Technical Studies (CTS) in Industrial Maintenance Technology, Millwright Apprentice (CIP 47.0303) – **4 STARS**
 - c Technical Competency Area (TCA) in Industrial Maintenance Technology, Fabrication Apprentice (CIP 47.0303) – **3 STARS**

Background: BRCC is focused on developing courses and programs in skilled crafts that align with the curricula developed by the National Center for Construction Education and Research (NCCER). The programs proposed for termination are not aligned with NCCER and have been dormant since 2011. Industrial maintenance concentrations directly tied to industry based certifications (IBCs) such as NCCER are incorporated in the AAS in Technical Studies approved during the September 2016 meeting of the LCTCS Board of Supervisors.

Fiscal Impact: There are no anticipated expenditures associated with the terminations.

History of Prior Actions: There is a history of terminating programs due to student and workforce needs.

Benefits to the System: These terminations will allow BRCC to better meet student and workforce needs in other areas.



Approved for Recommendation to the Board
Dr. Monty Sullivan

Date



Baton Rouge Community College
201 Community College Dr.
Baton Rouge, LA 70806
(225)216-8000
www.mybrcc.edu

October 19, 2016

Board of Supervisors
The Louisiana Community and Technical College System
265 South Foster Drive
Baton Rouge, Louisiana 70806

Attention: Paul E. Carlsen, Ph.D., LCTCS Chief Content Officer
René Cintrón, Ph.D., LCTCS Executive Director, Education and Research

Dear Drs. Carlsen and Cintrón:

Baton Rouge Community College (BRCC) requests the approval of the Louisiana Community and Technical College System (LCTCS) Board of Supervisors for the termination of the Industrial Maintenance programs listed below. BRCC is focused on developing courses and programs in skilled crafts that align with the curricula developed by the National Center for Construction Education and Research (NCCER). The programs listed below are not aligned with the NCCER curricula and are dormant. Thus, they should be removed from BRCC's curriculum inventory.

Program Deletions:

- Industrial Maintenance Technology, Technical Diploma - **5 Stars**. CIP Code 47.0303
- Industrial Maintenance Technician, Pneumatic Hydraulic Apprentice, Certificate of Technical Studies (CTS) – **4 Stars**. CIP Code 47.0303
- Industrial Maintenance Technician, Millwright Apprentice, CTS – **4 Stars**. CIP Code 47.0303
- Industrial Maintenance Technician, Fabrication Apprentice, Technical Competency Area (TCA) – **3 Stars**. CIP Code 47.0303

The Louisiana Community and Technical College (LCTCS) form (Academic Affairs Policy 1.024) for reporting curriculum actions and the Request to Terminate an Academic Degree Program required by the Board of Regents (BoR, Academic Affairs Policy 2.08) are attached. Please let me know if you need additional information. Thank you for your consideration of this request.

Sincerely,

A handwritten signature in blue ink, appearing to read "O. Loretta Ovueraye".

O. Loretta Ovueraye, Ed.D.
Interim Vice Chancellor for Academic Affairs

Cc: Dennis F. Michaelis, Ph.D., Interim Chancellor
Margaret McMichael, Ph.D., Director of Curriculum and Articulation

OLO:mmc



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

Baton Rouge Community College

TYPE OF PROPOSED CHANGE

New Program

Curriculum Modification

AWARD LEVEL(S)

Award Level(s):

Associate of Applied Science (A.A.S.)

Associate of Science (A.S.)

Associate of Arts (A.A.)

Other Associate Degree

Name: _____

Technical Diploma (T.D.)

Technical Competency Area (T.C.A.)

Certificate of Technical Studies (C.T.S.)

Certificate of Applied Science (C.A.S.)

Certificate of General Studies (C.G.S.)

NAME OF PROGRAM(S) and AWARD LEVEL(S)

Name: Industrial Maintenance Technology

CIP: 47-0303

Credit Hours: 60

Contact Hours: 1830

Award Level: T.D.

Name: Industrial Maintenance Technician - Pneumatic/Hydraulic Apprentice

CIP: 47-0303

Credit Hours: 30

Contact Hours: 915

Award Level: C.T.S.

Name: Industrial Maintenance Technician - Millwright Apprentice

CIP: 47-0303

Credit Hours: 26

Contact Hours: 795

Award Level: C.T.S.

Name: Industrial Maintenance Technician - Fabrication Apprentice

CIP: 47-0303

Credit Hours: 14

Contact Hours: 435

Award Level: T.C.A.

DESCRIBE THE PROPOSED CHANGE (For Curriculum Modifications, state previous credit and clock hours, and for Program Termination, state program and all award levels.)

Delete the inactive Industrial Maintenance programs from Baton Rouge Community College's (BRCC's) curriculum.

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

The inactive programs listed on page 1 are not aligned with industry standards, have not been approved by the United States Department of Education (DoE) under Title IV and are thus not open to students who qualify for Federal financial aid, and are being replaced by new programs of study that align with the curricula developed by the National Center for Construction Education and Research (NCCER) and with the goals of Our Louisiana 2020.

IMPLEMENTATION DATE (Semester and Year)

Spring 2017

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION

Main Campus

All Campuses

Sites (list below)

Site 1: Westside (Plaquemine)

Site 2:

Site 3

Site 4:

LOUISIANA WORKFORCE COMMISSION STAR LEVEL (<http://www.laworks.net/Stars/>)

5 Stars

4 Stars

3 Stars

2 Stars

1 Star

0 Stars

(Transfer)

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)

Use Existing Faculty

#: _____

Hire Adjunct Faculty

#: _____

Hire Full-Time Faculty

#: _____

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education:

Experience:

Certification:

ANTICIPATED ENROLLMENT:					
Students	Year One	Year Two	Year Three	Year Four	Year Five
<u>DAY</u>					
<u>EVENING</u>					
Describe Process for Attaining & Estimating Enrollment:					

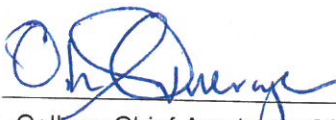
PROGRAM ACCREDITATION:	
Is Program Accreditation, Licensure or Certification Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Type/Name of Program Accreditation, Licensure or Certification Required:	If YES, please provide projected accreditation/licensure/certification date:

DESCRIBE IMPLEMENTATION COSTS (Include: Faculty, Facilities, Library Resources, etc.)
None

PROGRAM CURRICULUM – see attached programs of study as they appeared on the website and in the Catalog of the former Capital Area Technical College

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.

SIGNATURES:



 College Chief Academic Officer

10/18/16

 Date



 College Chief Executive Officer

10/20/2016

 Date

LOUISIANA - BOARD OF REGENTS

INVENTORY OF DEGREE AND CERTIFICATE PROGRAMS
ACTIVE DEGREE PROGRAMS-USING CIP 2010 CODES

Program-ID CRINPROGA_CRINPROG

Baton Rouge Community College

CIP Code	Degree Desig	Option	Degree Subject Area	DEGREES AWARDED BY YEAR										Professional Accreditation
				2015-16	2014-15	2013-14	2012-13	2011-12	Regents Approval	2016/06	2016/06	2016/06	2016/06	
240101	AA	0101	LIBERAL ARTS	56	37	35	35	43	1997/06	43	1997/06	Not Available		
240102	CGS	0101	GENERAL STUDIES	610	741	1,142	297	134	2006/06	134	2006/06	Not Available		
240199	AS	0101	GENERAL SCIENCE	18	29	27	24	20	1997/06	20	1997/06	Not Available		
240199	AALT	0101	LOUISIANA TRANSFER	62	32	9	12	6	2010/05	6	2010/05	Not Available		
240199	ASLT	0101	LOUISIANA TRANSFER	5	6	10	6	5	2010/05	5	2010/05	Not Available		
430107	AS	0101	CRIMINAL JUSTICE	21	31	17	21	19	2008/03	19	2008/03	Not Available		
439999	CAS	0101	EMERGENCY MANAGEMENT	0	1	0	0	0	2007/06	0	2007/06	Not Available		
460000	TD	0101	JOURNEYMAN INDUSTRIAL	0	0	0	0	0	2016/06	0	2016/06	Not Available		
460201	CTS	0101	CARPENTRY:CARPENTRY TECH II	0	0	0	0	0	2016/06	0	2016/06	Not Available		
460201	TD	0101	CARPENTRY	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470201	CTS	0101	A/C & REFRIG:HELPER II	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470201	CTS	0101	A/C & REFRIG:DOMESTIC	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470201	TD	0101	A/C & REFRIG:RESIDENTIAL	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470303	CTS	0101	IMT: ELECTRICAL & INSTRUMENTATION	0	0	0	0	0	2016/06	0	2016/06	Approved		
470303	CTS	0101	IMT: HYDRAULIC	0	0	0	0	0	2015/03	0	2015/03	Not Available		
470303	CTS	0101	IMT: MILLWRIGHT	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470303	TD	0101	IMT: ELECTRICAL & INSTRUMENTATION	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470303	TD	0101	INDUSTRIAL MAINTENANCE TECHNOLOGY	0	0	0	0	0	2015/03	0	2015/03	Not Available		
470603	CTS	0101	CRT: BASIC STRUCTURE REPAIR PERSON	0	0	0	0	0	2016/06	0	2016/06	Not Available		
470603	TD	0101	COLLISION REPAIR TECHNOLOGY	0	0	0	0	0	2016/06	0	2016/06	Not Sought		
470604	AAS	0101	AUTOMOTIVE TECHNOLOGY	0	0	0	0	0	2016/02	0	2016/02	Applied For		
470604	CTS	0101	AUTO ELECTRICAL SYSTEMS TECHNICIAN	0	0	0	0	0	2016/02	0	2016/02	Applied For		
470604	CTS	0101	AUTO DRIVETRAIN TECHNICIAN	0	0	0	0	0	2016/02	0	2016/02	Applied For		
470604	CTS	0101	AUTO SUSPENSION, STEERING, BRAKES	0	0	0	0	0	2016/02	0	2016/02	Applied For		

INDUSTRIAL MAINTENANCE TECHNOLOGY

Curriculum Implemented Fall 2011

The purpose of this program is to provide specialized classroom instruction and practical shop experience to prepare students for employment in a variety of jobs in the industrial maintenance field. Graduates from this program will fill a void in the workforce needs of business and industry in the surrounding parishes. This program will offer program completers a high wage, high demand, high skill occupation pathway.

This program prepares individuals to install, repair, and maintain industrial machinery and equipment such as pumps, motors, pneumatic and hydraulic systems, and production machinery. It includes instruction in testing, adjusting, and repairing pneumatic and hydraulic systems, attaching supplemental equipment such as hoses, valves, gates, mechanical, electrical, and electronic control devices. It also includes instruction in material handling equipment, pipefitting, welding, metal fabrication, and millwright.

Course Number	Course Title	Total Credit Hrs.
ORNT 1000	Freshman Seminar	1
IMMT 1110	Introduction to Industrial Maintenance Technology	1
CPTR 1000	Introduction to Computers	2
IMMT 1111	Welding I	3
IMMT 1112	Welding II	2
IMMT 1120	Blueprint Reading	2
IMMT 1121	Metal Fabrication	3
	TCA – Fabrication Apprentice	14
	The above TCA plus one additional grouping results in the CTS indicated.	
	Sequence A – Pneumatic Hydraulic Apprentice	
IMMT 1210	Material Handling	2
IMMT 1220	Pneumatics	3
IMMT 1221	Pneumatics Application	2
IMMT 1230	Hydraulics	3
IMMT 1231	Hydraulics Application	3
IMMT 1241	Hydraulics Troubleshooting Projects	3
	Total – Sequence A	16
	CTS – Pneumatic Hydraulic Apprentice	30
	Sequence B – Millwright Apprentice	
IMMT 1311	Pipefitting	2
IMMT 1320	Millwright I	3
IMMT 1321	Millwright I Lab	2
IMMT 1330	Millwright II	2
IMMT 1331	Millwright II Lab	3
	Total – Sequence B	12
	CTS – Millwright Apprentice	26
	Sequence C – Electrical Maintenance	
IMMT 1410	Basic Electricity	1
IMMT 1411	Basic Electricity Lab	3
IMMT 1421	Industrial Electricity	4
IMMT 1430	Motor Controls	4
IMMT 1441	Programmable Logic Controllers	4
	Total – Sequence C	16
	CTS – Electrical Maintenance	26
JOBS 2450	Job Seeking Skills	2
	TD – Industrial Maintenance Technology	60
	Optional Electives	
CSRV 1000	Customer Service	3
CSRV 2000	Customer Service & Sales	3
ENTR 1000	Foundations of Entrepreneurship	3
	With approval from the Chief Academic Officer/designee, the following courses may be substituted for any of the above course requirements.	
IMMT 1131	Advanced Metal Fabrication	3
IMMT 2991	Special Projects I	1
IMMT 2993	Special Projects II	2
IMMT 2995	Special Projects III	3
IMMT 2996	Special Projects IV	3
IMMT 2997	Practicum	1
IMMT 2999	Cooperative Education	3



Capital Area Technical College

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Industrial Maintenance Technology

CIP 470303

Technical Diploma

The purpose of this program is to provide specialized classroom instruction and practical shop experience to prepare students for employment in a variety of jobs in the industrial maintenance field.

The Industrial Maintenance Technology program prepares individuals to install, repair, and maintain industrial machinery and equipment such as pumps, motors, pneumatic and hydraulic systems, and production machinery. It includes instruction in testing, adjusting, and repairing pneumatic and hydraulic systems, attaching supplemental equipment such as hoses, valves, gates, mechanical, electrical, and electronic control devices. It also includes instruction in material handling equipment, pipefitting, welding, metal fabrication, and millwright.

Technical Diploma (TD), Certificate of Technical Studies (CTS), Technical Competency Area (TCA)

Course Number	Course Title	Lecture Hours	Lab Hours	Total Credit Hours	Clock Hours
Fabrication Apprentice:					
ORNT1000	FRESHMAN SEMINAR	1	0	1	15
IMMT1110	INTRODUCTION TO INDUSTRIAL MAINTENANCE TECHNOLOGY	1	0	1	15
CPTR1000	INTRODUCTION TO COMPUTERS	1	1	2	45
IMMT1111	WELDING I	0	3	3	135
IMMT1112	WELDING II	0	2	2	90
IMMT1120	BLUEPRINT READING	2	0	2	30
IMMT1121	METAL FABRICATION	1	2	3	105
TCA - Fabrication Apprentice				14	435

The above TCA plus one of the four possible Sequences of courses shown below, results in the CTS as indicated.

Sequence A - Pneumatic Hydraulic Apprentice:

IMMT1210	MATERIAL HANDLING	2	0	2	30
IMMT1220	PNEUMATICS	3	0	3	45
IMMT1221	PNEUMATICS APPLICATION	0	2	2	90

[Like](#)

JOBS2450 JOB SEEKING SKILLS 2 0 2 30

TD - Industrial Maintenance Technology
(composed of the TCA plus Sequence A,
Sequence B, Sequence C or D, and JOB
SEEKING SKILLS.) 60 1830

The following courses may be available as multiple as one-hour courses on some LTC campuses: WELDING I, WELDING II, METAL FABRICATION, PNEUMATICS APPLICATION, HYDRAULICS APPLICATION, HYDRAULICS TROUBLESHOOTING, PIPEFITTING, MILLWRIGHT I LAB, MILLWRIGHT II LAB, BASIC ELECTRICITY LAB, INDUSTRIAL ELECTRICITY, MOTOR CONTROLS, & PROGRAMABLE LOGIC CONTROLLERS.

Optional Elective:

CSRV1000 CUSTOMER SERVICE 3 0 3 45

CSRV2000 CUSTOMER SERVICE & SALES 3 0 3 45

ENTP1000 FOUNDATIONS OF ENTREPRENEURSHIP 3 0 3 45

With approval from the Chief Academic Officer/designee, the following courses may be substituted for any of the above course requirements.

IMMT1131 ADVANCED METAL FABRICATION 0 3 3 135

IMMT2991 SPECIAL PROJECTS I 0 1 1 30

IMMT2993 SPECIAL PROJECTS II 0 2 2 60

IMMT2995 SPECIAL PROJECTS III 0 3 3 90

IMMT2996 SPECIAL PROJECTS IV 3 0 3 45


IMMT2997 PRACTICUM 0 3 3 135

IMMT2999 COOPERATIVE EDUCATION 0 3 3 135





Request to Terminate an Academic Degree Program or Administrative/Research Unit

1. Institution Baton Rouge Community College (BRCC)	
2. Type of Termination (check one) <input checked="" type="checkbox"/> A. Academic Program (If A, complete <i>all</i> remaining sections) <input type="checkbox"/> B. Administrative Unit (If B, skip sections 3, 4, 5, and 6) <input type="checkbox"/> C. Research Unit – Center or Institute (If C, skip sections 3, 4, 5, and 6)	
3. Degree Designation. (BA, MS, PhD, etc.) Technical Diploma (TD), Certificate of Technical Studies (CTS), and Technical Competency Area (TCA)	
4. Title and CIP Code. Industrial Maintenance Technology, TD, CIP 470303 Industrial Maintenance Technician, Pneumatic Hydraulic Apprentice, CTS Industrial Maintenance Technician, Millwright Apprentice, CTS Industrial Maintenance Technician, Fabrication Apprentice, TCA	
5. Semester/year at which no new enrollments will be accepted. Spring 2017	
6. Teach-out plan, including semester/year at which reporting of degrees shall cease. The programs to be deleted do not have students enrolled, so there is no need for a teach-out plan. No credentials have been awarded for these programs since they were added to the program inventory of the former Capital Area Technical College (CATC) in 2011 nor since the merger of CATC with BRCC in 2013.	
7. Reason for request. (Ex: low demand, job opportunities, changing focus, program duplication, loss of funding sources, etc.) Explanation: The programs of study to be deleted are not aligned with industry standards and have not been approved by the United States Department of Education (DoE) under Title IV; no faculty have been hired to teach the courses in the program. BRCC has developed new programs that align with industry standards that better meet the needs of the community. Approval of the programs under Title IV will be requested of the DoE upon obtaining all of the necessary state (BoR) and accrediting body (Southern Association of Colleges and Schools Commission on Colleges, SACSCOC) approvals. <i>* Include statements which address the impact of the termination upon remaining programs/units (if applicable). For example, a request to terminate the Department of Chemistry should also include information about the academic programs in that Department – will they be maintained or terminated as well? If maintained, where will they reside? Will the department maintaining these programs be re-named? How will this further affect the administrative structure at the institution? Append documentation to this form.</i>	
8. If collaboration with other institutions is involved, identify partners. Each participating institution must submit a separate request form. N/A	
9. Program/Unit Contact (name, title, email address, telephone number) O. Loretta Ovueraye, Ed.D., Interim Vice Chancellor for Academic Affairs ovuerayeo@mybrcc.edu ; 225-216-8047	
Campus Head: 	Date: 10/20/2016
Management Board:	Date:

For Academic Program Termination: note the SACS/COC requirements (Substantive Change) for notification, teach-out plan/agreement, and request for SACS approval following BOR approval. Send BOR/AcAf a copy of the SACS/COC response to finalize the action.