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LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

TO: Dr. Monty Sullivan
LCTCS President

THROUGH: Dr. René Cintrón *RC*
Chief Academic Affairs Officer

FROM: Dr. Adrienne Fontenot *AF*
Director of Adult Learning and Educational Programs

SUBJECT: Program Revisions at Baton Rouge Community College (BRCC)

DATE: 05/25/2018

APPROVED
Sk 6/13/18
LCTCS BOARD OF SUPERVISORS

FOR BOARD ACTION:

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

Program Revisions

1. Associate of Arts (AA) – Liberal Arts, Global Studies Concentration to International Studies Concentration (CIP 24.0101) – **Transfer**
2. Technical Diploma (TD) – Information Technology (CIP 11.0901) – **5 Stars**
3. Certificate of Technical Studies (CTS) – Engineering Aid II to Engineering Aid (CIP 15.1301) – **3 Stars**
4. Certificate of Technical Studies (CTS) – Carpentry Technician II to Carpentry Technician (CIP 46.0201) – **3 Stars**

Program Terminations

5. Certificate of Applied Science (CAS) – Emergency Management (CIP 43.9999) – **0 Stars**
6. Technical Competency Area (TCA) – Grower Technician (CIP 01.0601) – **2 Stars**
7. Technical Competency Area (TCA) – Computer Technician (CIP 11.0901) – **2 Stars**
8. Technical Competency Area (TCA) – Wide Area Network Technician (CIP 11.0901) – **4 Stars**
9. Technical Competency Area (TCA) – System Support Technician (CIP 11.0901) – **4 Stars**
10. Technical Competency Area (TCA) – Application Specialist (CIP 11.0901) – **3 Stars**
11. Technical Competency Area (TCA) – Desktop Application Specialist (CIP 11.0901) – **3 Stars**
12. Technical Competency Area (TCA) – Local Area Network (LAN) Specialist (CIP 11.0901) – **4 Stars**

13. Technical Competency Area (TCA) – Shampoo Operator (CIP 12.0401) – **2 Stars**
14. Technical Competency Area (TCA) – Entry Level Prep Cook II (CIP 12.0503) – **2 Stars**
15. Technical Competency Area (TCA) – Engineering Aid I (CIP 15.1301) – **3 Stars**
16. Technical Competency Area (TCA) – Basic Caregiver (CIP 19.0709) – **1 Star**
17. Technical Competency Area (TCA) – Infant/Toddler or Preschool Caregiver (CIP 19.0709) – **1 Star**
18. Technical Competency Area (TCA) – Transportation Security Administration (CIP 43.0301) – **0 Stars**
19. Technical Competency Area (TCA) – Carpentry Technician I (CIP 46.0210) – **3 Stars**
20. Technical Competency Area (TCA) – Collision Repair Apprentice (CIP 47.0603) – **2 Stars**
21. Technical Competency Area (TCA) – Upholstery Assistant (CIP 48.0303) – **1 Star**
22. Technical Competency Area (TCA) – Printmaking (CIP 50.0710) – **2 Stars**
23. Technical Competency Area (TCA) – Emergency Medical Technician (EMT) Basic (CIP 51.0810) – **2 Stars**
24. Technical Competency Area (TCA) – Nurse Assistant (CIP 51.3902) – **2 Stars**

Background: The AA in Liberal Arts with a concentration in Global Studies is being renamed International Studies for alignment consistency with the transfer pathway to the baccalaureate degree at Louisiana State University and other transfer institutions.

The Information Technology program had many electives from which students could choose to complete the program. To better prepare students for the workforce, the electives have been eliminated, and the revised program of study is prescriptive. To stay informed of business and industry need, a new Advisory Board is being formed.

Two CTSs are being renamed due to the deletion of TCAs. The Engineering Aid II CTS is being renamed Engineering Aid. The deletion of the Engineering Aid I TCA eliminates the need for the number designation. The Carpentry Technician II CTS is being renamed Carpentry Technician. The deletion of the Carpentry Technician I TCA eliminates the need for the number designation.

BRCC is requesting to replace several Technical Competency Area (TCA) exit points with CTCs per LCTCS Policy 1.024 and Louisiana Board of Regents' Academic Affairs Policy 2.15. The request to terminate the Emergency Management CAS is due to the program being dormant for since the 2014-2015 academic year. The last semester during which Emergency Management courses were offered was spring 2013.

Individuals are not required to have an academic certification for employment in this area.

Fiscal Impact: The only cost associated with the above-listed program revisions is for the Information Technology program. Equipment and upgrades are included in the necessary costs. Former Capital Area Technical College faculty who taught the course have retired; new faculty will need to be hired. There is no fiscal impact for the other programs.

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

Benefits to the System: The revisions will allow BRCC to better meet student and workforce needs. The Information Technology program, in particular, is a high skill, high demand, and high wage field and is consistent with the mission of BRCC and LCTCS.



Approved for Recommendation to the Board
Dr. Monty Sullivan

6-13-18

Date



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

Baton Rouge Community College

TYPE OF PROPOSED CHANGE	
<input type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification

AWARD LEVEL(S)	
Award Level(s): <input type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input checked="" type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree Name: _____	<input type="checkbox"/> Technical Diploma (T.D.) <input checked="" type="checkbox"/> Technical Competency Area (T.C.A.) <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.) <input checked="" type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)

Programs to be deleted:

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: Grower Technician – 2 Stars			
CIP: 01.0601	Credit Hours: 11	Contact Hours:	Award Level: T.C.A.
Name: Computer Technician – 2 Stars			
CIP: 11.0901	Credit Hours: 6	Contact Hours: 210	Award Level: T.C.A.
Name: Wide Area Network Technician – 4 Stars			
CIP: 11.0901	Credit Hours: 12	Contact Hours: 420	Award Level: T.C.A.
Name: System Support Technician – 4 Stars			
CIP: 11.0901	Credit Hours: 12	Contact Hours: 420	Award Level: T.C.A.
Name: Application Specialist – 3 Stars			
CIP: 11.0901	Credit Hours: 9	Contact Hours: 270	Award Level: T.C.A.

Name: Desktop Application Specialist – 3 Stars			
CIP: 11.0901	Credit Hours: 12	Contact Hours: 285	Award Level: T.C.A.
Name: Local Area Network (LAN) Technician – 4 Stars			
CIP: 11.0901	Credit Hours: 15	Contact Hours: 535	Award Level: T.C.A.
Name: Shampoo Operator – 2 Stars			
CIP: 12.0401	Credit Hours: 9	Contact Hours: 285	Award Level: T.C.A.
Name: Entry Level Prep Cook III – 2 Stars			
CIP: 12.0503	Credit Hours: 12	Contact Hours: 300	Award Level: T.C.A.
Name: Engineering Aid I – 3 Stars			
CIP: 15.1301	Credit Hours: 14	Contact Hours: 420	Award Level: T.C.A.
Name: Basic Caregiver – 1 Star			
CIP: 19.0709	Credit Hours: 3	Contact Hours: 45	Award Level: T.C.A.
Name: Infant/Toddler or Preschool Caregiver – 1 Star			
CIP: 19.0709	Credit Hours: 12	Contact Hours: 270	Award Level: T.C.A.
Name: Transportation Security Administration – 0 Stars			
CIP: 43.0301	Credit Hours: 9	Contact Hours: 135	Award Level: T.C.A.
Name: Carpentry Technician I – 3 Stars			
CIP: 46.0201	Credit Hours: 13	Contact Hours: 375	Award Level: T.C.A.
Name: Collision Repair Apprentice – 2 Stars			
CIP: 47.0603	Credit Hours: 11	Contact Hours: 435	Award Level: T.C.A.
Name: Upholstery Assistant – 1 Star			
CIP: 48.0303	Credit Hours: 9	Contact Hours: 210	Award Level: T.C.A.
Name: Printmaking – 2 Stars			
CIP: 50.0710	Credit Hours: 12	Contact Hours: 180	Award Level: T.C.A.
Name: Emergency Medical Technician (EMT)-Basic – 2 Stars			
CIP: 51.0810	Credit Hours: 5	Contact Hours: 135	Award Level: T.C.A.

Name: Sterile Processing – 3 Stars			
CIP: 51.1012	Credit Hours: 4	Contact Hours: 150	Award Level: T.C.A.
Name: Nurse Assistant – 3 Stars			
CIP: 51.3902	Credit Hours: 4	Contact Hours: 90	Award Level: T.C.A.
Name: Emergency Management – 0 Stars			
CIP: 43.9999	Credit Hours: 30	Contact Hours: 450	Award Level: C.A.S.

Programs to be modified:

Name: Information Technology – 5 Stars			
CIP: 11.0901	Credit Hours: 45	Contact Hours: 1695	Award Level: T.D.
Name: Engineering Aid II – 2 Stars (title change)			
CIP: 15.1301	Credit Hours: 27	Contact Hours: 795	Award Level: C.T.S.
Name: Carpentry Technician II – 3 Stars (title change)			
CIP: 46.0201	Credit Hours: 27	Contact Hours: 915	Award Level: C.T.S.
Name: Liberal Arts, Global Studies concentration – 0 Stars (title change)			
CIP: 24.0101	Credit Hours: 60	Contact Hours: N/A	Award Level: A.A.

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

- I. Delete the following Technical Competency Areas and Certificate of Applied Science from the program inventory for Baton Rouge Community College:
 - Grower Technician TCA (CIP code 01.0601) – 2 Stars
 - Computer Technician TCA (CIP code 11.0901) – 2 Stars
 - Wide Area Network Technician TCA (CIP code 11.0901) – 4 Stars
 - System Support Technician TCA (CIP code 11.0901) – 4 Stars
 - Application Specialist TCA (CIP code 11.0901) – 3 Stars
 - Desktop Application Specialist TCA (CIP code 11.0901) – 3 Stars
 - Local Area Network (LAN) Technician TCA (CIP code 11.0901) – 4 Stars
 - Shampoo Operator TCA (CIP code 12.0401) – 2 Stars
 - Entry Level Prep Cook III TCA (CIP code 12.0503) – 2 Stars
 - Engineering Aid I TCA (CIP code 15.1301) – 3 Stars
 - Basic Caregiver TCA (CIP code 19.0709) – 1 Star

Infant/Toddler or Preschool Caregiver TCA (CIP code 19.0709) – 1 Star
 Transportation Security Administration TCA (CIP code 43.0301) – 0 Stars
 Carpentry Technician I TCA (CIP code 46.0201) – 3 Stars
 Collision Repair Apprentice TCA (CIP code 47.0603) – 2 Stars
 Upholstery Assistant TCA (CIP code 48.0303) – 1 Star
 Printmaking TCA (CIP code 50.0710) – 2 Stars
 Emergency Medical Technician (EMT) Basic TCA (CIP code 51.0810) – 2 Stars
 Sterile Processing TCA (CIP code 51.1012) – 3 Stars
 Nurse Assistant TCA (CIP code 51.3902) – 3 Stars
 Emergency Management CAS (CIP code 43.9999)

II. Modify the following programs of study:

Information Technology, Technical Diploma (CIP code 11.0901) – 5 Stars
 Engineering Aid II, Certificate of Technical Studies (CIP code 15.1301) – 2 Stars
 Carpentry Technician II, Certificate of Technical Studies (CIP code 46.0201) – 3 Stars
 Liberal Arts, Global Studies concentration, Associate of Arts (CIP code 24.0101) – 2 Stars

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

I. Deletion of TCAs and CAS

The Board of Regents no longer includes Technical Competency Area (TCA) among the programs in its Academic Affairs policy 2.15, Definitions of Undergraduate/ Graduate Certificates and Undergraduate Degrees (minutes of the 2017 Board meeting at which the proposed elimination of TCAs was approved are provided with this Form). The Emergency Management CAS has been dormant for many years; an individual does not have to have an academic certification for employment in this area. The program of study for each TCA and the CAS to be deleted, and any associated modifications of certificates of technical studies (section II, below), are summarized in the attached Appendix A.

II. Program modifications

Information Technology, TD (CIP code 11.0901) – 5 Stars: The program of study had many electives from which students could choose to complete the program; however, since BRCC is dependent on adjunct instructors to teach many of these courses, completion of the program became problematic for many students. To resolve this problem and to better prepare students for the workforce, the electives have been eliminated, and the revised program of study is prescriptive: all courses in the revised program of study must be completed. The current and proposed, revised program of study are presented side-by-side in Appendix B.

Engineering Aid II, CTS (CIP code 15.1301) – 2 Stars: change the title of the CTS from “Engineering Aid II” to “Engineering Aid”. With the deletion of the Engineering Aid I TCA, there is no need for the number designation. The program of study for the award, with the proposed new title, is included in Appendix A.

Carpentry Technician II (CIP code 46.0201) – 3 Stars: change the title of the CTS from “Carpentry Technician II” to “Carpentry Technician”. With the deletion of the Carpentry Technician I TCA, there is no need for the number designation. The program of study for the award, with the proposed new title, is included in Appendix A.

Liberal Arts, Global Studies concentration, AA (CIP code 24.0101) – 0 Stars (transfer program): change the title of the concentration from “Global Studies” to “International Studies” for consistency with the baccalaureate degree titles at transfer institutions such as Louisiana State University (B.A., International Studies). The current and proposed programs of study (the latter includes modifications approved by BRCC’s Committee for Courses and Curricula and by the interim Vice Chancellor of Academic and Student Affairs that are below the approval threshold required for the Board of Supervisors) are summarized in Appendix C.

<p>IMPLEMENTATION DATES, Semester and Year</p>	<p>TCA and CAS deletions: Summer 2018 CTS title modifications: Fall 2018 Information Technology TD modifications: Spring 2019 Liberal Arts Associate of Arts, International Studies concentration – Spring 2019</p>
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<p>SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION</p>		
<p><input checked="" type="checkbox"/> Main Campus</p>	<p><input type="checkbox"/> All Sites</p>	<p><input checked="" type="checkbox"/> Specific Sites (list below)</p>
<p>Site 1 Main campus: Transportation Security Administration TCA (deletion); Liberal Arts Global Studies concentration, AA (change title of concentration); Emergency Management CAS</p>		
<p>Site 2 Acadian site: Computer Technician TCA (deletion), Wide Area Network TCA (deletion), System Support Technician TCA (deletion), Application Specialist TCA (deletion), Desktop Application Specialist TCA (deletion), Local Area Network (LAN) Technician TCA (deletion), Entry Level Prep Cook III TCA (deletion), Engineering Aid I TCA (deletion); Engineering Aid II CTS (title modification); Basic Caregiver TCA (deletion), Infant/Toddler or Preschool TCA (deletion), Nurse Assistant TCA (deletion); Information Technology TD (modification)</p>		
<p>Site 3 Frazier site: Shampoo Operator TCA (deletion), Printmaking TCA (deletion), Sterile Processing TCA (deletion)</p>		
<p>Site 4 East Baton Rouge Parish Emergency Medical Services Headquarters: Emergency Medical Technician (EMT) Basic TCA (deletion)</p>		

Site 5 Dixon Correctional Institute: Carpentry Technician I TCA (deletion), Collision Repair Apprentice TCA (deletion); Carpentry Technician II CTS (title modification)
Site 6 Elayn Hunt Correctional Center: Carpentry Technician I TCA (deletion); Carpentry Technician II CTS (title modification)
Site 7 Louisiana Correctional Institute for Women: Grower Technician TCA (deletion), Entry Level Prep Cook III TCA (deletion), Upholstery Assistant TCA (deletion)
Site 8 Louisiana State Penitentiary: Grower Technician TCA (deletion), Entry Level Prep Cook III TCA (deletion), Carpentry Technician I TCA (deletion); Carpentry Technician II CTS (title modification)

LOUISIANA WORKFORCE COMMISSION STAR LEVEL (<http://www.laworks.net/Stars/>)
Varies by program and award level: all are indicated in previous sections of this form.

5 Stars
 4 Stars
 3 Stars
 2 Stars
 1 Star
 0 Stars
 (Transfer)

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)
NOTE that this section pertains only to the modification of the Information Technology Technical Diploma

<input type="checkbox"/> Use Existing Faculty #: _____	<input checked="" type="checkbox"/> Hire Adjunct Faculty #: <u>3</u>	<input checked="" type="checkbox"/> Hire Full-Time Faculty #: <u>1</u>
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MINIMUM CREDENTIALS REQUIRED FOR FACULTY N/A

Education: Associate degree and/or work experience in the field of study plus industry-based certifications	Experience: Five years of work experience	Certification: A+, CCNA required
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ANTICIPATED ENROLLMENT: For Information Technology Technical Diploma only:

Students	Year One	Year Two	Year Three	Year Four	Year Five
<u>DAY</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>
<u>EVENING</u>			<u>10</u>	<u>15</u>	<u>20</u>

Describe Process for Attaining & Estimating Enrollment:	Students with an interest in hardware/networking will be recruited from local high schools.
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PROGRAM ACCREDITATION: Information Technology only:	
Is Program Accreditation, Licensure or Certification Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	If YES, please provide projected accreditation/licensure/certification date:
Type/Name of Program Accreditation, Licensure or Certification Required:	

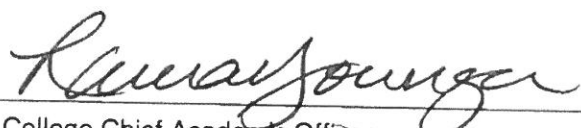
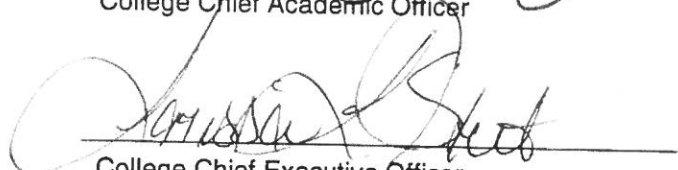
DESCRIBE IMPLEMENTATION COSTS (Include Faculty, Facilities, Library Resources, etc.)
Information Technology only:
Faculty – Initially, the program will be implemented utilizing adjunct faculty members (2 x \$4590) = \$9,180 for Fall 2018
Facilities – There are currently 4 dedicated labs for the IT program. Equipment and parts will be needed for the A+ classes (\$7,500)
Library Resources – The library has resources relevant to the IT program.

PROGRAM CURRICULUM – attached (current and proposed, side-by-side). (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)

Attachments:

- Appendix A Programs of study for TCAs being deleted and for associated CTSs proposed title modifications. Note that for the TCA deletions, only the award is being eliminated (not the courses).
- Appendix B Information Technology TD, current and proposed, side-by-side.
- Appendix C Liberal Arts Associate of Arts Global Studies concentration (current) and Liberal Arts Associate of Arts International Studies concentration (proposed), side-by-side comparison.

SIGNATURES:

	<u>5/16/18</u>
College Chief Academic Officer	Date
	<u>5/18/18</u>
College Chief Executive Officer	Date

**Baton Rouge Community College: Submitted for June 2018 meeting of the LCTCS Board of Supervisors
Appendix A: TCA deletions and CTS title changes**

CIP code 01.0601: Grower Technician TCA (deletion): note the courses are not being deleted, but the award is. The TCA has been an exit point in the Horticulture Technician TD (which is shown below).

First Semester		Credit Hours
HORT 1210	Introduction to Plant Science	3
HORT 1130	Native Plants of Louisiana I	2
HORT 1420	Plant Propagation	3
HORT 1220	Louisiana Laws and Regulations	1
HORT 1000	Fall Horticulture Lab	2
<hr/>		
Exit Point: TCA, Grower Technician (Total Hours)		11
Second Semester		Credit Hours
HORT 2110	Landscaping	5
HORT 1110	Soils, Fertilizers, and Water	5
HORT 1240	Native Plants of Louisiana II	2
HORT 1020	Spring Horticulture Lab	2
<hr/>		
		14
Exit Point: CTS, Landscape Technician (Total Hours)		25
Third Semester		Credit Hours
HORT 1310	Greenhouse Procedures	3
HORT 1230	Turfgrass	2
HORT 1320	Fruit and Vegetable Produce	2
HORT 1330	Native Plants of Louisiana III	2
<hr/>		
		9
Fourth Semester		Credit Hours
HORT 1120	Plant Pest Control	4
HORT 1010	Summer Horticulture Lab	2
HORT 1040	Landscape Calculations	3
HORT 1030	Landscaping Lab	2
<hr/>		
		11
TD: Horticulture Technician (Total Hours)		45

CIP code 11.0901: Computer Technician TCA (deletion), Wide Area Network TCA (deletion), System Support Technician TCA (deletion), Application Specialist TCA (deletion), Desktop Application Specialist TCA (deletion), Local Area Network (LAN) Technician TCA (deletion)

Programs of Study:

TCA:	Required Courses		Credit Hours
Computer Technician	INTE 1100	Install & Troubleshoot: Part I	3
	INTE 1110	Install & Troubleshoot: Part II	3
			6
Wide Area Network Technician	INTE 1200	Operating System Fundamentals	3
	INTE 2010	Windows Server Part I	3
	INTE 2020	Windows Server Part II	3
	INTE 2030	Windows Server Part III	3
		12	
System Support Technician	INTE 1100	Install & Troubleshoot: Part I	3
	INTE 1110	Install & Troubleshoot: Part II	3
	INTE 1200	Operating System Fundamentals	3
	INTE 2110	Cisco Part I	3
		12	
Application Specialist	INTE 1210	Introduction to Shell Scripting	3
	INTE 1900	Web Page Design	3
	INTE 2070	Querying Microsoft Servers	3
		9	
Desktop Application Specialist	INTE 1010	Internet & Computing Literacy	3
	CPTR 1310	MS Access I	3
	CPTR 1320	MS Excel	3
	CPTR 2650	MS Access II	3
		12	
LAN Technician	INTE 1100	Install & Troubleshoot: Part I	3
	INTE 1110	Install & Troubleshoot: Part II	3
	INTE 1200	Operating System Fundamentals	3
	INTE 2110	Cisco Part I	3
	INTE 2120	Cisco Part II	3
		15	

CIP code 12.0401: Shampoo Operator TCA (deletion). Note the courses are not being deleted, but the award is. The TCA has been an exit point in the Cosmetology Technician TD (which is shown below).

First Semester		Credit Hours
COSM 1110	Safety and Sanitation	4
COSM 1121	Basics of Skin, Scalp and Hair	2
COSM 1130	Fundamental Hair Treatments	3
	[Exit Point: TCA, Shampoo Operator]	(9)
COSM 1220	Manicuring and Pedicuring	3
COSM 1230	Wet Hair Styling	4
		16
Second Semester		Credit Hours
COSM 1311	Hair Cutting	3
COSM 1321	Permanent Waving	4
COSM 1411	Chemical Hair Relaxing	2
COSM 1430	Hair Coloring	5
		14
Third Semester		Credit Hours
COSM 1420	Thermal Services	3
COSM 2510	Facial Services and Make-Up	3
COSM 2520	Artistry of Artificial Hair	3
COSM 2540	Salon Management	4
COSM 2530	Electricity and Light Therapy	2
		15
TD: Cosmetology (Total Hours)		45

CIP code 12.0503: Entry Level Prep Cook III TCA (deletion). Note the courses are not being deleted, but the award is. The TCA has been an exit point in the Culinary Arts and Occupations Technician TD (which is shown below).

First Semester		Credit Hours
CULN 1110	Culinary Calculations	3
CULN 1170	Dining Room Service	3
CULN 1130	Sanitation and Safety	3
CULN 1140	Basic Culinary Skills	3
Exit Point: TCA, Entry Level Prep Cook III (Total Hours)		12
Second Semester		Credit Hours
CULN 1160	Hospitality Industry Overview	3
CULN 1220	Culinary Nutrition	3
CULN 1240	Food Preparation and Service	8
Exit Point: CTS, Production Cook (TCA plus Second Semester courses)		14
		26
Third Semester		Credit Hours
CULN 2310	Baking and Pastry	7
CULN 1321	A Lá Carte	3
CULN 2430	Food and Beverage Operations	3
Exit Point: CTS, Entry Level Line Cook (TCA plus Third Semester courses)		13
		25
Fourth Semester		Credit Hours
CULN 2410	Regional Cuisine	3
CULN 2420	International Cuisine	3
		6
Total Hours, Culinary Arts and Occupations Technical Diploma		45

CIP code 15.1301: Engineering Aid I TCA (deletion) and Engineering Aid II CTS (title modification). Note the courses in the TCA are not being deleted, but the award is. The TCA has been an exit point in the Drafting and Design Technology concentration of the Technical Studies Associate of Applied Science (AAS), which is shown below.

First Semester		Credit Hours
DRFT 1110	Drafting Fundamentals	3
DRFT 1130	Pictorial Drawing	3
DRFT 1145	Multi-View and Section Drawing	3
CADD 1210	Basic CADD	3
GenEd MATH	Any Department-approved General Education Course in Mathematics	3
Total Credit Hours for Semester		15
Second Semester		Credit Hours
DRFT 1120	Geometric Construction	2
DRFT 1160	Drafting Computations	3
DRFT 1161	Dimensioning	2
DRFT 1215	Auxiliary Views & Intersections	3
DRFT 1230	Fasteners	2
CADD 1215	Advanced CADD	3
Total Credit Hours for Semester		15
Third Semester		Credit Hours
DRFT 2310	Basic Manufacturing/Electrical	3
DRFT 2320	Basic Architectural/Civil/Structural	3
DRFT 2330	Basic Piping/Marine	3
ENGL 1013	English Composition I	3
GenEd	Any General Education course in the Social Sciences	3
Total Credit Hours for Semester		15
Fourth Semester		Credit Hours
Choose <u>one</u> of the following advanced disciplines:		
DRFT 2341	Advanced Manufacturing Drafting	6
DRFT 2342	Advanced Civil Drafting	
DRFT 2343	Advanced Architectural Drafting	
DRFT 2346	Advanced Piping Drafting	
DRFT 2510	Portfolio Presentation	3
GenEd	Any SACSCOC-accepted General Education course in Humanities	3
GenEd	Any General Education Course in the Physical Sciences	3
Total Credit Hours for Semester		15
Total Program Credit Hours, Technical Studies AAS, Drafting and Design Technology Concentration		60

Drafting and Design Technology Credentials Available

		Credit Hours
DRFT 1110	Drafting Fundamentals	3
DRFT 1120	Geometric Construction	2
DRFT 1130	Pictorial Drawing	3
DRFT 1145	Multi-View and Section Drawing	3
CADD 1210	Basic CADD	3
Exit Point	TCA: Engineering Aide I (Total Hours)	14
		Credit Hours
DRFT 1160	Drafting Computations	3
DRFT 1161	Dimensioning	2
DRFT 1215	Auxiliary Views & Intersections	3
DRFT 1230	Fasteners	2
CADD 1215	Advanced CADD	3
Exit Point	CTS: Engineering Aide II (includes TCA-Engineering Aide I)	27

CIP code 19.0709: Basic Caregiver TCA (deletion) and Infant/Toddler or Preschool Caregiver TCA (deletion). Note the courses in the TCAs are not being deleted, but the awards are. The TCAs have been an exit points in the Care and Development of Young Children Associate of Applied Science (AAS), which is shown below.

First Semester		Credit Hours
CDYC 1110	Working With Young Children	3
Exit Point: TCA, Basic Caregiver (Total Hours)		3
CDYC 1210	Development of Young Children	3
CDYC 1220	Infant and Toddler Curriculum	3
CDYC 1320	Preschool Curriculum	3
Exit Point: TCA, Infant/Toddler or Preschool Caregiver (Total Hours)		12
Second Semester		Credit Hours
CDYC 1120	Health, Safety, and Nutrition	3
CDYC 1151	Observation and Participation Lab	3
CDYC 1130	Child Guidance and Behaviors	3
CDYC 1241	Infant and Toddler Lab	3
CDYC 1341	Preschool Lab	3
CDYC 1410	Children With Special Needs	2
		17
Exit Point: CTS, Child Care Teacher (Total Hours)		29
Third Semester		Credit Hours
CDYC 1330	Literature and Language Methods	3
CDYC 1332	Preschool Methods	3
CDYC 1420	Organization and Administration	3
CDYC 2211	Practicum	5
CDYC 1230	Family Relationships and Issues	2
		16
Exit Point: TD, Care and Development of Young Children (Total Hours)		45
Fourth Semester		Credit Hours
ENGL 1013	English Composition I	3
Any General Education course in Mathematics		3
PSYC 2013	Introduction to Psychology	3
Any General Education course in Natural Sciences		3
Any General Education course in Humanities (excluding Foreign Languages and Communication/Speech)		3
		15
AAS: Care and Development of Young Children (Total Hours)		60

CIP code 43.0301: Transportation Security Administration TCA (deletion). This was a stand-alone program.

Required Courses		Credit Hours
TSAA 101	Introduction to Homeland Security	3
TSAA 105	Transportation and Border Security	3
TSAA 110	Intelligence Analysis and Security Technology	3
		9

CIP code 43.9999: Emergency Management Certificate of Applied Science (deletion)

First Semester		Credit Hours
ENGL 101, English Composition I		3
Any Gen-Ed. Social Science		3
EMGT elective (<i>see below</i>)		3
EMGT elective (<i>see below</i>)		3
EMGT elective (<i>see below</i>)		3
		15

Second Semester		Credit Hours
Any Gen-Ed. Mathematics		3
EMGT elective (<i>see below</i>)		3
EMGT elective (<i>see below</i>)		3
EMGT elective (<i>see below</i>)		3
EMGT elective (<i>see below</i>)		3
		15
Total Hours		30

Emergency Management Electives

Choose from the following:

- EMGT 150 Principles of Emergency Management
- EMGT 152 Public Safety Critical Incident Management
- EMGT 170 Public Information Officer Basic Course
- EMGT 178 Emergency Response Planning
- EMGT 180 Emergency Management Leadership
- EMGT 182 Basic Incident Command System
- EMGT 184 Emergency Response to Terrorism
- EMGT 200 Introduction to Hazards, Disasters and the Environment
- EMGT 210 Introduction to Emergency Management
- EMGT 220 Technology and Emergency Management
- EMGT 290 Emergency Management Internship

CIP code 46.0201: Carpentry Technician I TCA (deletion) and Carpentry Technician II CTS (title modification). Note the courses in the TCA are not being deleted, but the award is. The TCA has been an exit point in the Carpentry Technical Diploma (TD), which is shown below.

First Semester		Credit Hours
CARP 1110	Introduction and Safety	1
CARP 1113	Building Calculations	3
CARP 1120	Hand Tools	3
CARP 1130	Power Tools	4
CARP 1140	Building Materials	2
<hr/>		
Exit Point: TCA, Carpentry Technician I		13
Second Semester		Credit Hours
CARP 1150	Blueprint Reading	4
CARP 2110	Site Layout	2
CARP 2120	Foundations and Floor Framing	4
CARP 2131	Wall and Ceiling Framing	4
<hr/>		
		14
CTS: Carpentry Technician #		27
Third Semester		Credit Hours
CARP 2210	Roofing I	4
CARP 2220	Roofing II	4
CARP 2230	Exterior Finish and Trim	3
CARP 2310	Interior Finish and Trim	3
CARP 2320	Cabinetmaking	4
<hr/>		
		18
TD: Carpentry (Total Hours)		45

CIP code 47.0603: Collision Repair Apprentice TCA (deletion). Note the courses in the TCA are not being deleted, but the award is. The TCA has been an exit point in the Collision Repair Technology Technical Diploma (TD), which is shown below.

First Semester		Credit Hours
CLRP 1110	Shop Orientation and Safety	1
CLRP 1121	Tools and Equipment	3
CLRP 1131	Body Construction Analysis	3
CLRP 1134	Metal Alignment and Finish	4
Exit Point: TCA, Collision Repair Apprentice		11
Second Semester		Credit Hours
CLRP 1311	Trim and Glass	4
CLRP 1210	Frame and Body	4
CLRP 1150	Mechanical Components	4
		12
Exit Point: CTS, Basic Structural Repair Person		23
Third Semester		Credit Hours
CLRP 1230	Panel Replacement	4
CLRP 2140	Corrosion	3
CLRP 1220	Welding and Cutting	4
CLRP 1140	Basic Automotive Electricity	3
		14
Fourth Semester		Credit Hours
CLRP 1320	Refinishing and Detailing	4
CLRP 2121	Plastic Repair	2
CLRP 2111	Restraint Systems	2
		8
TD: Collision Repair (Total Hours)		45

CIP code 48.0303: Upholstery Assistant TCA (deletion). Note the courses in the TCA are not being deleted, but the award is. The TCA has been an exit point in the Upholstery Technology Technical Diploma (TD), which is shown below.

First Semester		Credit Hours
UPHO 1002	General Shop Safety	2
UPHO 1014	Upholstery Techniques	4
UPHO 1023	Upholstery Benchwork	3
Exit Point: TCA, Upholstery Assistant		9
Second Semester		Credit Hours
UPHO 1033	Intro to Furniture Techniques	3
UPHO 1044	Furniture Techniques I	4
UPHO 1053	Furniture Techniques II	3
UPHO 1064	Furniture Techniques III	4
		14
Exit Point: CTS, Furniture Technician (TCA plus second semester courses)		23
Third Semester		Credit Hours
UPHO 2004	Furniture Techniques IV	4
UPHO 2013	Furniture Techniques V	3
UPHO 2024	Furniture Techniques VI	4
UPHO 2033	Furniture Techniques VII	3
		14
Fourth Semester		Credit Hours
UPHO 1101	Shop Management	1
UPHO 2104	Auto/Marine Upholstery I	4
UPHO 2113	Auto/Marine Upholstery II	3
		8
Exit Point: CTS, Vehicle Upholstery Technician (TCA plus fourth semester courses)		17
TD: Upholstery Technician (Total Hours)		45

CIP code 50.0710: Printmaking TCA (deletion). This was a stand-alone program.

Required Courses		Credit Hours
ARTS 1113	Introduction to Two-Dimensional Design	3
ARTS 2003	Digital Art	3
ARTS 2023	Relief Printmaking	3
ARTS 2123	Silkscreen Printmaking	3
Total Program Credit Hours:		12

CIP code 51.0810: Emergency Medical Technician (EMT) Basic TCA (deletion). This was a stand-alone program.

Required Course		Credit Hours
EMSE 1005	Basic Emergency Medical Care	5
Total Program Credit Hours:		5

CIP code 51.1012: Sterile Processing TCA (deletion). This was a stand-alone program.

Course		Credit Hours
HLSC 1204	Sterile Processing Basics	4
Total Credit Hours for TCA:		4

CIP code 51.3902: Nurse Assistant TCA (deletion). The TCA has been an exit point in the Practical Nursing Technical Diploma (TD), which is shown below.

Course		Credit Hours
HCNA 1215	Nurse Assisting	4
Total Credit Hours for TCA:		4

Pre-Nursing (Must be completed before entering the program)		Semester Credit Hours	Semester Contact Hours
HCNA 1215	Nurse Assisting	4	125 (45/80)
HNUR 1225	Anatomy and Physiology for Healthcare	5	75 (75/00)
Semester Total:		9	200 (120/80)
First Semester		Semester Credit Hours	Semester Contact Hours
HNUR 1312	Nutrition for Practical Nurses	2	30 (30/00)
HNUR 1324	Pharmacology	4	60 (60/00)
HNUR 1335	Practical Nursing Skills	5	105 (45/60)
Semester Total:		11	195 (135/60)
Second Semester		Semester Credit Hours	Semester Contact Hours
HNUR 1413	Practical Nursing Perspectives	3	45 (45/00)
HNUR 1428	Medical Surgical I for Practical Nursing	8	250 (90/160)
HNUR 1431	Intravenous (IV) Therapy	1	30 (00/30)
Semester Total:		12	325 (135/190)
Third Semester		Semester Credit Hours	Semester Contact Hours
HNUR 2115	Obstetric and Pediatric Nursing	5	140 (60/80)
HNUR 2128	Medical Surgical II for Practical Nursing	8	250 (90/160)
Semester Total:		13	390 (150/240)
Fourth Semester		Semester Credit Hours	Semester Contact Hours
HNUR 2216	Mental Health and PN Leadership	6	155 (75/80)
HNUR 2228	Medical Surgical III for Practical Nursing	8	250 (90/160)
Semester Total:		14	405 (165/240)
Total Program Hours:		59	1515 (705/810)

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Appendix B: Information Technology (Technical Diploma)**

Current Program of Study

Core Courses:	Credit Hours
ORNT 1000, Freshman Seminar	3
INTE 1100, Install and Troubleshooting Part I	3
INTE 1110, Install and Troubleshooting Part II	3
INTE 1200, Operating System Fundamentals	3
INTE 1210, Introduction to Shell Scripting	3
INTE 2110, Cisco Part I	3
JOBS 2450, Job Seeking Skills	3
INTE 2010, Windows Server I	3
INTE 2020, Windows Server II	3
INTE 2030, Windows Server III	3
INTE 2120, Cisco Part II	3
INTE 2902, Internship	3
	36
Electives:	
Approved Program Elective (<i>see below</i>)	3
Approved Program Elective (<i>see below</i>)	3
Approved Program Elective (<i>see below</i>)	3
Approved Program Elective (<i>see below</i>)	3
	12
Total Program Hours:	48

Proposed Program of Study (Spring 2019)

Required Courses:	Credit Hours
INTE 1013, Internet and Computing Literacy	3
INTE 1103, Install and Troubleshoot Part I	3
INTE 1113, Install and Troubleshoot Part II	3
INTE 1203, Operating System Fundamentals	3
INTE 1253, Project Management	3
INTE 1803, Introduction to Unix and Linux	3
INTE 2013, Windows Server Part I	3
INTE 2023, Windows Server Part II	3
INTE 2033, Windows Server Part III	3
INTE 2113, Cisco Part I	3
INTE 2123, Cisco Part II	3
INTE 2133, Cisco Part III	3
INTE 2143, Cisco Part IV	3
INTE 2823, Server Technology	3
INTE 2903, Internship	3
Total Program Hours:	45

Approved Program Electives	
CPTR 1310, MS Access I	3
CPTR 2650, MS Access II	3
CPTR 1320, MS Excel	3
INTE 1010, Internet & Computing Literacy	3
INTE 1250, Project Management	3
INTE 1300, Internet Applications	3
INTE 1800, Introduction to Unix and Linux	3
INTE 1900, Web Page Design	3
INTE 2060, Email & Communication Server	3
INTE 2070, Querying Microsoft Servers	3
INTE 2130, Cisco Part III	3
INTE 2140, Cisco Part IV	3
INTE 2545, Ethical Hacking	3
INTE 2820, Server Technology	3
INTE 2830, Cabling Infrastructure	3
INTE 2840, Managing Network Security	3
TENG 2530, Technical Report Writing	3
CSRV 1000, Customer Service	3
CSRV 2000, Customer Service & Sales	3
ENTP 1000, Foundations of Entrepreneurship	3
KYBD 1010, Introductory Keyboarding	3
INTE 2997, Practicum	3
INTE 2999, Cooperative Education	3

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Appendix C: Liberal Arts Associate of Arts: modifications to Global Studies concentration, including changing
the title of the concentration to International Studies**

Current Program of Study

Required General Education Courses	Credit Hours
ENGL 1013, English Composition I	3
ENGL 1023, English Composition II	3
MATH 1113/1213, College Algebra	3
Gen-Ed. Natural Science (first in sequence)	3
Gen-Ed. Natural Science (second in sequence)	3
Any Gen-Ed. Humanities	3
Any Gen-Ed. Fine Arts	3
Any Gen-Ed. Social Science at the 2000 level	3
Any Gen-Ed. Social Science at the 2000 level	3
Total, required General Education courses:	27
Required, related courses:	
Any Gen-Ed. Mathematics	3
Gen-Ed. Natural Science (opposite from sequence)	3
Any foreign language (first in sequence)	3
Any foreign language (second in sequence)	3
Any SPCH course	3
Choice of CSCI 1013, Introduction to Computer Technology, or CSCI 2203, Microcomputer Applications in Business	3
Total, Required, related courses:	18
Concentration Electives: Select five of the following courses	
ENGL 2133, Literature and Ethnicity	3
ENGL 2223, Survey of World Literature	3
ENGL 2403, African American Literature	3
FILM 2003, Introduction to Cinema Studies	3
GEOG 2113, Cultural Geography	3
HIST 1113, World Civilization to 1500	3
HIST 1123, World Civilization 1500 to Present	3
HUMN 2103, World Mythology	3
HUMN 2013, Africa and the Middle East	3
HUMN 2553, Asia and the Americas	3
PHIL 2013, Introduction to Ethics	3
POLI 2023, International Relations	3
Total, Concentration Electives:	15
Total, AALA, Global Studies concentration:	60

Proposed Program of Study (Spring 2019)

Required General Education Courses	Credit Hours
ENGL 1013, English Composition I	3
ENGL 1023, English Composition II	3
MATH 1113/1213, College Algebra	3
Gen-Ed. Natural Science (first in sequence)	3
Gen-Ed. Natural Science (second in sequence)	3
Any Gen-Ed. Humanities	3
Any Gen-Ed. Fine Arts	3
Any Gen-Ed. Social Science at the 2000 level	3
Any Gen-Ed. Social Science at the 2000 level	3
Total, required General Education courses:	27
Required, related courses:	
Any Gen-Ed. Mathematics OR PHIL 2113, Introduction to Logic	3
Gen-Ed. Natural Science (opposite from sequence)	3
FREN 1013, SPAN 1013, or approved foreign language	3
FREN 1023, SPAN 1023, or approved foreign language	3
Any SPCH (1013, 2013, 2213, 2313)	3
ECON 2113, Economic Principles	3
Total, Required, related courses:	18
Concentration Electives: Select five of the following courses	
ENGL 2133, Literature and Ethnicity	3
ENGL 2223, Survey of World Literature	3
ENGL 2403, African American Literature	3
FILM 2003, Introduction to Cinema Studies	3
GEOG 2113, Cultural Geography	3
HIST 1113, World Civilization to 1500	3
HIST 1123, World Civilization 1500 to Present	3
HUMN 2103, World Mythology	3
HUMN 2013, Africa and the Middle East	3
HUMN 2553, Asia and the Americas	3
PHIL 2013, Introduction to Ethics	3
POLI 2023, International Relations	3
Total, Concentration Electives:	15
Total, AALA, International Studies concentration:	60