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Creating Futures*

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LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM

TO: Dr. Monty Sullivan
LCTCS President

THROUGH: Dr. Paul Carlsen 
Chief Content Officer

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

SUBJECT: Program Additions and Revisions at Louisiana Delta Community College

DATE: 11/30/2016

FOR BOARD ACTION:

Recommendation: Staff recommends that the Board approve the program revisions and additions listed below.

Program Additions

1. Associate of Applied Science (AAS) in Computer Technology (CIP 11.0901) – **5 STARS**
 - a. Certificate of Technical Studies (CTS) in Computer Technology: Computer Network Professional (CIP 11.0901) – **5 STARS**
 - i. Technical Competency Area (TCA) in Computer Technology: Computer User Support Professional (CIP 11.0901) – **5 STARS**
2. Technical Competency Area (TCA) in Computer Information Systems: Digital/Social Media Marketing (CIP 11.0401) – **5 STARS**

Program Revisions

1. Associate of Applied Science (AAS) in Computer Information Systems: Cybersecurity (CIP 11.0401) – **5 STARS**
 - a. Certificate of Technical Studies (CTS) in Computer Information Systems: Information Assurance (CIP 11.0401) – **5 STARS**
 - b. Certificate of Technical Studies (CTS) in Computer Information Systems: Information Technology Security (CIP 11.0401) – **5 STARS**
 - i. Technical Competency Area (TCA) in Cyber Security (CIP 11.0401) – **5 STARS**
2. Certificate of Technical Studies (CTS) in Computer Technology: Computer Technician (CIP 11.0901) – **5 STARS**
3. Certificate of Technical Studies (CTS) in Computer Information Systems: Digital-Marketing (CIP 11.0401) – **5 STARS**
4. Certificate of Technical Studies (CTS) in Computer Information Systems: Information Technology (CIP 11.0401) – **5 STARS**

5. Certificate of Technical Studies (CTS) in Computer Information Systems:
Web Design (CIP 11.0401) – **5 STARS**

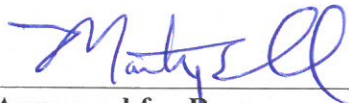
Background: In continuing to build a cyber-technology focus that directly aligns with high-tech employers in the region, these additions and revisions are being made in order to better align with industry partners needs and 4-year institutions for transferability purposes. The courses contained in these programs were designed as transferable in nature into ULM's Computer Information Systems program.

Curriculums were developed by program faculty with the guidance and support of the program advisory board composed of representatives from companies such as Entergy, IBM, Regions, TEK Systems. Input from employers was also acquired from companies such as CenturyLink, Vantage Health Care, St. Francis Hospital, and Chase. Each of these companies expressed a strong interest in LDCC graduates with varying levels of expertise. For example, CenturyLink is seeking graduates with entry level help desk support and networking while Vantage Health Care is interested in customer service and Microsoft Office skills as are Chase and St. Francis Hospital. The spread of need is the primary reason that the proposed degrees are so diverse.

Fiscal Impact: There are no anticipated expenditures associated with these additions or revisions. Faculty and resources under the existing curriculum will be allocated to the new programs.

History of Prior Actions: There is a history of revising curriculum and programs to meet industry demands as well as student transfer needs.

Benefits to the System: These modifications will allow LDCC to better meet workforce and transfer needs of the community.



Approved for Recommendation to the Board
Dr. Monty Sullivan

Date



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE	
<input checked="" type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification –Modifications made to new proposed program to meet BOR recommendations

AWARD LEVEL(S)	
Award Level(s): <input checked="" type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input type="checkbox"/> Associate of Arts (A.A.) <input type="checkbox"/> Other Associate Degree <u>Name: Computer Technology</u>	<input type="checkbox"/> Technical Diploma (T.D.) <input checked="" type="checkbox"/> Technical Competency Area (T.C.A.) 3 <input checked="" type="checkbox"/> Certificate of Technical Studies (C.T.S.) 4 <input type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: Computer Technology- two tracks – Computer Networking or Computer Support			
CIP: 110901	Credit Hours: 60	Contact Hours: 900	Award Level: A.A.S.
Name: Computer Technology: Computer Network Support Specialist			
CIP: 110901	Credit Hours: 30	Contact Hours: 450	Award Level: C.T.S.
Name: Computer Technology: Computer Technician			
CIP: 110901	Credit Hours: 30	Contact Hours: 450	Award Level: C.T.S.
Name: Computer Technology: Computer Network Professional			
CIP: 110901	Credit Hours: 24	Contact Hours: 360	Award Level: C.T.S.
Name: Computer Technology: Computer User Support Professional			
CIP: 110901	Credit Hours: 24	Contact Hours: 360	Award Level: C.T.S.
Name: Computer Technology: Computer Network Technician			
CIP: 110901	Credit Hours: 12	Contact Hours: 180	Award Level: T.C.A.
Name: Computer Technology: Cisco Certified Network Associate (CCNA)			
CIP: 110901	Credit Hours: 12	Contact Hours: 180	Award Level: T.C.A.

Name: Computer Technology: Computer Technician			
CIP: 110901	Credit Hours: 12	Contact Hours: 180	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.)

Combined proposed AAS Cyber Technology in Network Engineering and AAS Cyber Technology in Computer Support into one AAS in Computer Technology with two tracks – Computer Networking and Computer Support. Modified accompanying CTSs and TCAs to meet the requirements of combined degree and to make them unique.

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

BOR recommended that the AAS Cyber Technology degree in Network Engineering and the AAS Cyber Technology degree in Computer Support be combined into one degree with two tracks. They also recommended that we use the term Computer instead of Cyber and not use the term Engineering. Modifications were also made to the accompanying CTSs and TCAs to meet the requirements of combined degree and to make them unique..The changes made to accomplish these recommendations were more than a 25% change creating a need to resubmit to LCTCS for approval before submission to BOR.

IMPLEMENTATION DATE (Semester and Year)	AAS Fall 2017, CTS & TCA Spring 2017
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SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION

☐ Main Campus
 ☒ All Campuses
 ☐ Sites (list below)

Site 1:

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

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)		
<input checked="" type="checkbox"/> Use Existing Faculty <u>#: 3</u>	<input checked="" type="checkbox"/> Hire Adjunct Faculty <u>#: 3</u>	<input checked="" type="checkbox"/> Hire Full-Time Faculty <u>#: 2</u>

MINIMUM CREDENTIALS REQUIRED FOR FACULTY		
Education: Doctorate or master's degree in the teaching discipline or master's degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline)	Experience: Network experience desired but not required	Certification: Cisco certification desired but not required

ANTICIPATED ENROLLMENT:					
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>					
Describe Process for Attaining & Estimating Enrollment:		We currently have approximately 10 students enrolled in the ICT program that will change their major to this program. We also will promote the program to high school students at our annual Technology Fair and to the General Public at our annual Discover Delta event. Pamphlets will be produced and distributed at these events and to area high schools.			

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>					

PROGRAM ACCREDITATION:	
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.)

Approximately \$104,000 for two new full time instructors including benefits.

Approximately \$14,000 for additional classes taught by adjuncts.

Approximately \$4000 to reestablish Cisco Academy. (The cost will be shared with the Computer Information System: Cybersecurity program on the main campus that will also be utilizing the Cisco Academy.)

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)

Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester AAS Computer Technology: Computer Networking Track and CTS Computer Network Support Specialist						
ENGL	101	English Composition I	3	0	45	3
MATH	110	College Algebra	3	0	45	3
CINS	102	Computer & Internet Literacy	3	0	45	3
CNET	110	Networking Fundamentals	3	0	45	3
CNET	121	Cisco Networking I	3	0	45	3
Second Semester AAS Computer Technology: Computer Networking and CTS Computer Network Support Specialist						
CINS	210	Cloud Computing Fundamentals	3	0	45	3
CINS	120	Operating Systems Fundamentals	3	0	45	3
CNET	201	Windows Server I	3	0	45	3
CNET	122	Cisco Networking II	3	0	45	3
PSYC OR SOCL	201	Introduction to Psychology or Introduction to Sociology	3	0	45	3

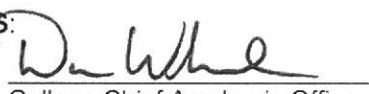
Third Semester AAS Computer Technology: Computer Networking						
CINS	220	System Security	3	0	45	3
CNET	202	Windows Server II	3	0	45	3
CNET	123	Cisco Networking III	3	0	45	3
CNET	172	Linux Server	3	0	45	3
PHSC OR NS ELEC	100	Physical Science I Or Natural Science Elective	3	0	45	3
Fourth Semester AAS Computer Technology: Computer Networking						
CNET	124	Cisco Networking IV	3	0	45	3
CNET	225	Firewalls & Network Security	3	0	45	3
CNET	203	Windows Server III	3	0	45	3
		ACCT, BUSN, CSCI, CINS, or CNET Elective	3	0	45	3
		History Elective	3	0	45	3
First Semester AAS Computer Technology: Computer Support Track and CTS Computer Technician						
ENGL	101	English Composition I	3	0	45	3
MATH	110	College Algebra	3	0	45	3
CINS	102	Computer & Internet Literacy	3	0	45	3
CNET	101	Computer User Support	3	0	45	3
BUSN	130	Customer Service for Business Professionals	3	0	45	3

Second Semester AAS Computer Technology: Computer Support Track and CTS Computer Technician						
CINS	203	Spreadsheet Applications	3	0	45	3
CINS	204	Word Processing Applications	3	0	45	3
CNET	102	Computer User Support II	3	0	45	3
CSCI	285	Information Technology Ethics	3	0	45	3
BUSN	215	Business Communication	3	0	45	3
Third Semester AAS Computer Technology: Computer Support						
CINS	120	Operating Systems Fundamentals	3	0	45	3
CNET	110	Networking Fundamentals	3	0	45	3
CNET	172	Linux Server	3	0	45	3
CNET	200	Email & Communication Server	3	0	45	3
PSYC OR SOCL	201	Introduction to Psychology or Introduction to Sociology	3	0	45	3
Fourth Semester AAS Computer Technology: Computer Support						
CINS	130	Information Security Fundamentals	3	0	45	3
CINS	205	Database Applications	3	0	45	3
PHSC OR NS ELEC	100	Physical Science I or Natural Science Elective	3	0	45	3
		History Elective	3	0	45	3
		ACCT, BUSN, CSCI, CINS, or CNET Elective	3	0	45	3

First Semester CTS Computer Network Professional						
CINS	220	System Security	3	0	45	3
CNET	123	Cisco Networking III	3	0	45	3
CNET	172	Linux Server	3	0	45	3
CNET	202	Windows Server II	3	0	45	3
Second Semester CTS Computer Network Professional						
CNET	124	Cisco Networking IV	3	0	45	3
CNET	203	Windows Server III	3	0	45	3
CNET	225	Firewalls & Network Security	3	0	45	3
CNET	200	Email & Communication Server	3	0	45	3
First Semester TCA Computer User Support Professional						
CINS	120	Operating Systems Fundamentals	3	0	45	3
CNET	110	Networking Fundamentals	3	0	45	3
CNET	200	Email & Communications Server	3	0	45	3
BUSN	130	Customer Service for Business Professionals	3	0	45	3
First Semester TCA Network Technician						
CNET	110	Network Fundamentals	3	0	45	3
CNET	201	Windows Server I	3	0	45	3
CNET	202	Windows Server II	3	0	45	3
CNET	203	Windows Server III	3	0	45	3

First Semester TCA Cisco Certified Network Associate (CCNA)						
CNET	121	Cisco Networking I – Introduction to Networks	3	0	45	3
CNET	122	Cisco Networking II – Routing & Switching Essentials	3	0	45	3
CNET	123	Cisco Networking III – Scaling Networks	3	0	45	3
CNET	124	Cisco Networking IV – Connecting Networks	3	0	45	3
First Semester TCA Computer Technician						
CINS	102	Computer & Internet Literacy	3	0	45	3
CINS	120	Operating Systems Fundamentals	3	0	45	3
CNET	101	Computer User Support I	3	0	45	3
CNET	102	Computer User Support II	3	0	45	3

SIGNATURES:



College Chief Academic Officer



College Chief Executive Officer

11/21/2016

Date

11/21/2016

Date

* Signature Authority for Dennis Epps

11/21/2016



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE	
<input checked="" type="checkbox"/> New Program	<input checked="" type="checkbox"/> Curriculum Modification – Made changes to CTS Information Technology Security and TCA Cybersecurity to bring in line with BOR recommendations of uniqueness.

AWARD LEVEL(S)	
Award Level(s): <input checked="" type="checkbox"/> Associate of Applied Science (A.A.S.) <input type="checkbox"/> Associate of Science (A.S.) <input 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 type="checkbox"/> Certificate of Applied Science (C.A.S.) <input type="checkbox"/> Certificate of General Studies (C.G.S.)

NAME OF PROGRAM(S) and AWARD LEVEL(S)			
Name: Computer Information Systems: Cybersecurity			
CIP: 110401	Credit Hours: 60	Contact Hours: 900	Award Level: A.A.S.
Name: Computer Information Systems: Information Assurance			
CIP: 110401	Credit Hours: 30	Contact Hours: 450	Award Level: C.T.S.
Name: Computer Information Systems: Information Technology Security			
CIP: 110401	Credit Hours: 24	Contact Hours: 360	Award Level: C.T.S.
Name: Computer Information Systems: Cyber Security			
CIP: 110401	Credit Hours: 12	Contact Hours: 180	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.)
CTS Information Technology Security – replaced 2 core electives with CINS 102 and CINS 210. TCA Cybersecurity – deleted CINS 102, CNET 110, and CSCI 285. Added CNET 225 and CNET 254. Total credits reduced from 15 to 12.

REASON/JUSTIFICATION FOR THE PROPOSED CHANGE (Include support such as four-year university agreements, industry demand, advisory board information, etc.)	
To align with BOR recommendations	
IMPLEMENTATION DATE (Semester and Year)	AAS Fall 2017, CTS & TCA Spring 2017

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION		
<input checked="" type="checkbox"/> Main Campus	<input type="checkbox"/> All Campuses	<input type="checkbox"/> Sites (list below)
Site 1:		
Site 2:		
Site 3:		
Site 4:		
LOUISIANA WORKFORCE COMMISSION STAR LEVEL (http://www.laworks.net/Stars/)		
<input checked="" type="checkbox"/> 5 Stars	<input type="checkbox"/> 4 Stars	<input type="checkbox"/> 3 Stars <input type="checkbox"/> 2 Stars <input type="checkbox"/> 1 Star

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply)		
<input checked="" type="checkbox"/> Use Existing Faculty #: <u>3</u>	<input checked="" type="checkbox"/> Hire Adjunct Faculty #: <u>3</u>	<input checked="" type="checkbox"/> Hire Full-Time Faculty #: <u>2</u>
MINIMUM CREDENTIALS REQUIRED FOR FACULTY		
Education: Doctorate or master's degree in the teaching discipline or master's degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline)	Experience: Preferred but not required	Certification:

ANTICIPATED ENROLLMENT:					
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>					
Describe Process for Attaining & Estimating Enrollment:		We currently have approximately 10 students that planned to enroll in either a CSCI or a CINS program this semester but we did not have either program. The students are currently taking Gen Ed classes until this program is approved. We also will promote the program to high school students at our annual Technology Fair and to the General Public at our annual Discover Delta event. Pamphlets will be produced and distributed at these events and to area high schools.			

PROGRAM ACCREDITATION:	
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.)
<p>Approximately \$104,000 for two new full time instructors including benefits.</p> <p>Approximately \$14,000 for additional classes taught by adjuncts.</p> <p>Approximately \$4000 to reestablish Cisco Academy. (The cost will be shared with the Cyber Technology: Network Engineering program on the satellite campuses that will also be utilizing the Cisco Academy.)</p>

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)

Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester AAS Computer Information Systems: Cybersecurity CTS Systems Information Assurance						
ENGL	101	English Composition I	3	0	45	3
MATH	110	College Algebra	3	0	45	3
CINS	102	Computer & Internet Literacy	3	0	45	3
CNET	110	Networking Fundamentals	3	0	45	3
PSYC OR SOCL	201	Introduction to Psychology or Introduction to Sociology	3	0	45	3
Second Semester First Semester AAS Computer Information Systems: Cybersecurity CTS Systems Information Assurance						
ENGL	102	English Composition II	3	0	45	3
CINS	130	Information Security Fundamentals	3	0	45	3
CINS	120	Operating Systems Fundamentals	3	0	45	3
CINS	210	Cloud Computing Fundamentals	3	0	45	3
PHSC OR NS ELEC	100	Physical Science I Or Natural Science Elective	3	0	45	3
Third Semester First Semester AAS Computer Information Systems: Cybersecurity						
CNET	201	Windows Server I	3	0	45	3
CNET	121	Cisco Networking I	3	0	45	3

CNET	172	Linux Server	3	0	45	3
CINS	220	System Security	3	0	45	3
		Humanities Elective	3	0	45	3
Fourth Semester First Semester AAS Computer Information Systems: Cybersecurity						
MATH	210	Introduction to Statistics	3	0	45	3
CNET	122	Cisco Networking II	3	0	45	3
CNET	225	Firewalls & Network Security	3	0	45	3
CNET	254	Ethical Hacking	3	0	45	3
CNET	227	Incident Response & Handling	3	0	45	3
First Semester CTS Information Technology Security						
CINS	102	Computer & Internet Literacy	3	0	45	3
CINS	130	Information Security Fundamentals	3	0	45	3
CNET	227	Incident Response & Handling	3	0	45	3
CINS	220	System Security	3	0	45	3
Second Semester CTS Information Technology Security						
CINS	210	Cloud Computing Fundamentals	3	0	45	3
CNET	225	Firewalls & Network Security	3	0	45	3
CNET	254	Ethical Hacking	3	0	45	3
CSCI	285	Information Technology Ethics	3	0	45	3

TCA Cyber Security						
CINS	130	Information Security Fundamentals	3	0	45	3
CINS	220	System Security	3	0	45	3
CNET	225	Firewalls and Network Security	3	0	45	3
CNET	254	Ethical Hacking	3	0	45	3

SIGNATURES:



College Chief Academic Officer



College Chief Executive Officer

11/20/2016

Date

11/21/2016

Date

* Signature Authority for Dennis Epps
11/21/2016 dhr



LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

New Program and Curriculum Modification Form

TYPE OF PROPOSED CHANGE

☒ New Program

☒ Curriculum Modification – Modifications made to new proposed program to meet BOR recommendations. The major modification recommended was to change the AAS degree in Information Science to a CTS for now. Will resubmit as AAS or AS when enrollment numbers warrant Associate Degree. Made minor changes to other CTSS and TCAs in this area.

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: Computer Information Systems: Computer Information Technology

CIP: 110401

Credit Hours: 30

Contact Hours: 450

Award Level: C.T.S.

Name: Computer Information Systems: Web Design

CIP: 110401

Credit Hours: 30

Contact Hours: 450

Award Level: C.T.S.

Name: Computer Information Systems: Digital Marketing

CIP: 110401

Credit Hours: 30

Contact Hours: 450

Award Level: C.T.S.

Name: Computer Information Systems: Information Technology

CIP: 110401

Credit Hours: 12

Contact Hours: 225

Award Level: T.C.A.

Name: Computer Information Systems: Cybersecurity

CIP: 110401

Credit Hours: 12

Contact Hours: 225

Award Level: T.C.A.

Name: Computer Information Systems: Web Design			
CIP: 110401	Credit Hours: 12	Contact Hours: 180	Award Level: T.C.A.
Name: Computer Information Systems: Digital/Social Media Marketing			
CIP: 110401	Credit Hours: 15	Contact Hours: 225	Award Level: T.C.A.
Name: Computer Information Systems: Project Management			
CIP: 110401	Credit Hours: 15	Contact Hours: 225	Award Level: T.C.A.
Name: Computer Information Systems: Information Storage			
CIP: 110401	Credit Hours: 12	Contact Hours: 180	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.)

Modifications made to new proposed program to meet BOR recommendations. The major modification recommended was to change the AAS degree in Information Science to a CTS for now. Also modified to make unique and add more technology classes. Changes made: Added Computer to title. Deleted BUSN 101, ENGL 102, PSYC/SOCL 201, and CINS 130. Added CINS 102, CINS 240, CINS 140, and CSCI 240. Will resubmit as AAS or AS when enrollment numbers warrant Associate Degree.

Made minor changes to other CTSs and TCAs in the Computer Information Systems area to make each degree unique and removed most Business classes.

CTS Web Design: Deleted ENGL 101, MATH 110, BUSN 130, BUSN 215. Added CINS 102, CINS 130, CINS 210, and CSCI 240.

CTS Electronic Commerce: Changed title to Digital Marketing. Deleted ENGL 101, MATH 110, CINS 204, CINS 203, CINS 205. Added BUSN 101, BUSN 215, CINS 140, CINS 201, CSCI 285

TCA Ecommerce and Marketing/Social Media– combined into one TCA, Digital/Social Media Marketing. Classes not included in new TCA – CINS 205, CINS 203, CINS 102, CINS 140

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

We originally submitted 2 AAS degrees in Computer Information Systems – Information Science and Cybersecurity. BOR recommended the submission of only the Cybersecurity as an AAS for now. They recommended the AAS in Information Science be submitted as a CTS and if enrollment warrants later submit as an AAS or AS. They also recommended making the CTSs and TCAs more unique without too much class repetition.

IMPLEMENTATION DATE (Semester and Year)

Spring 2017

SITE(S) OF NEW PROGRAM OR CURRICULUM MODIFICATION

☒ Main Campus

☐ All Campuses

☐ Sites (list below)

Site 1:

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

PLAN FOR PROVIDING QUALIFIED FACULTY (Check all that apply) The following numbers are for all proposed computer programs combined.

☒ Use Existing Faculty

#: 3

☒ Hire Adjunct Faculty

#: 3

☒ Hire Full-Time Faculty

#: 2

MINIMUM CREDENTIALS REQUIRED FOR FACULTY

Education: Doctorate or master's degree in the teaching discipline or master's degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline)

Experience: Preferred but not required

Certification:

ANTICIPATED ENROLLMENT:

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>					
Describe Process for Attaining & Estimating Enrollment:	We currently have approximately 10 students that planned to enroll in either a CSCI or a CINS program this semester but we did not have either program. The students are currently taking Gen Ed classes until this program is approved. We also will promote the program to high school students at our annual Technology Fair and to the General Public at our annual Discover Delta event. Pamphlets will be produced and distributed at these events and to area high schools.				

PROGRAM ACCREDITATION:

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.)

Approximately \$104,000 for two new full time instructors including benefits.
Approximately \$14,000 for additional classes taught by adjuncts.

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)

Subject Code	Course Number	Course Title	Lecture Hours	Lab Hours	Contact Hours	Credit Hours
First Semester Computer Information Systems: CTS Computer Information Technology						
ENGL	101	English Composition I	3	0	45	3
MATH	110	College Algebra	3	0	45	3
CINS	102	Computer & Internet Literacy	3	0	45	3
CSCI	285	Information Technology Ethics	3	0	45	3
CSCI	192	Program Logic & Design	3	0	45	3
Second Semester AAS Computer Information Systems: CTS Computer Information Technology						
CINS	201	Microcomputer Applications	3	0	45	3
CSCI	200	Introduction to Programming I	3	0	45	3
CINS	240	Electronic Commerce	3	0	45	3
CSCI	240	Project Management	3	0	45	3
CINS	140	Social Media	3	0	45	3
First Semester CTS Web Design						
CINS	102	Computer & Internet Literacy	3	0	45	3
CINS	130	Information Security Fundamentals	3	0	45	3
CINS	204	Word Processing Applications	3	0	45	3
CINS	211	Web Development	3	0	45	3
CINS	212	Web Design Tools	3	0	45	3

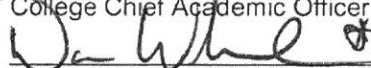
Second Semester CTS Web Design						
CINS	203	Spreadsheet Applications	3	0	45	3
CINS	213	Web Authoring	3	0	45	3
CINS	205	Database Applications	3	0	45	3
CINS	210	Cloud Computing Fundamentals	3	0	45	3
CSCI	240	Project Management	3	0	45	3
First Semester Digital Marketing						
BUSN	101	Introduction to Business	3	0	45	3
CINS	140	Social Media	3	0	45	3
CINS	201	Microcomputer Applications	3	0	45	3
CINS	211	Web Development	3	0	45	3
CINS	212	Web Design Tools	3	0	45	3
Second Semester Digital Marketing						
BUSN	201	Principles of Marketing	3	0	45	3
BUSN	215	Business Communications	3	0	45	3
CINS	141	Social Media Marketing	3	0	45	3
CINS	240	Electronic Commerce	3	0	45	3
CSCI	285	Information Technology Ethics	3	0	45	3

TCA Information Technology						
CINS	102	Computer & Internet Literacy	3	0	45	3
CINS	201	Microcomputer Applications	3	0	45	3
CSCI	192	Program Logic & Design	3	0	45	3
CSCI	285	Information Technology Ethics	3	0	45	3
TCA Web Design						
CINS	205	Database Applications	3	0	45	3
CINS	211	Web Development	3	0	45	3
CINS	212	Web Design Tools	3	0	45	3
CINS	213	Web Authoring	3	0	45	3
TCA Digital/Social Media Marketing						
BUSN	201	Principles of Marketing	3	0	45	3
BUSN	215	Business Communications	3	0	45	3
CINS	141	Social Media Marketing	3	0	45	3
CINS	201	Microcomputer Applications	3	0	45	3
CINS	240	Electronic Commerce	3	0	45	3

TCA Project Management						
CSCI	240	Project Management	3	0	45	3
CSCI	192	Program Logic & Design	3	0	45	3
CINS	205	Database Applications	3	0	45	3
CINS	203	Spreadsheet Applications	3	0	45	3
BUSN	215	Business Communication	3	0	45	3
TCA Information Storage						
CINS	210	Cloud Computing	3	0	45	3
CINS	218	Information Storage Management	3	0	45	3
CINS	120	Operating Systems Fundamentals	3	0	45	3
CINS	205	Database Applications	3	0	45	3

SIGNATURES:


College Chief Academic Officer


College Chief Executive Officer

* Signature Authority 11/21/2016 dr
for Dennis Epps

11/21/2016
Date
11/21/2016
Date