

CYPRESS COLLEGE CURRICULUM COMMITTEE

Tuesday, September 6, 2016

TLC) Teaching Learning Center in the LRC.

3:00 p.m.

AGENDA

PLEASE BE ON TIME...The meeting will begin promptly at 3:00 p.m. in the **TLC Teaching Learning Center in the LRC.** Your attendance is critical in helping to meet the curriculum needs of Cypress College. Remember if you are unable to attend please find an alternate representative.

Call to Order:

Mark Majarian, Chair

1. **Approval of May 17, 2016 and May 24, 2016 minutes:** (attached)
2. **Chair Report**
3. **Journalism ADT**
4. **Curriculum Committee Composition**
5. **Curricunet screenshots guide**

Approvals –

ETHS previously approved 4/12/16, only adding AA/GE: Area C2

REVISED COURSES					
COURSE ID	ACTION TAKEN	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION
ETHS 130 C African-American History I Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C
ETHS 131 C African-American History II Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C

ETHS 151 C Chicana-o History I Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C
ETHS 152 C Chicana-o History II Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C
ETHS 160 C Native American History Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C
ETHS 171 C Asian Pacific American History Units: 3 Lecture: 3 Laboratory: 0	* AA/GE: Area C2 added	45	The primary mode of instruction is lecture and may include discussion and/or group learning.	2017 Fall	Course has CSU and UC GE approval, adding Native AA/AS GE Category C
KIN 202 C Intercollegiate Baseball Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * Title - removed	30	Class time focuses on individualized instruction, student presentation time, and/or group learning.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 203 C Intercollegiate Basketball-Men Units: 1.5-3 Lecture: 0 Laboratory: 5-10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * Title change	20	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.

KIN 204 C Intercollegiate Basketball- Women Units: 1.5-3 Lecture: 0 Laboratory: 5-10	* Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * Title change	20	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 205 C Intercollegiate Beach Volleyball- Women Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 217 C change to KIN 205 C * Title change	15	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds. NCAA recommended team size.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 206 C Intercollegiate Golf Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 208 C change to KIN 206 C * Title - removed	20	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 210 C Intercollegiate Soccer-Men Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 209 C change to KIN 210 C * Title change	30	Class time focuses on individualized instruction, student presentation time, and/or group learning.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.

<p>KIN 212 C Intercollegiate Softball-Women Units: 3 Lecture: 0 Laboratory: 10</p>	<p>* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 210 C change to KIN 212 C * Title change</p>	<p>30</p>	<p>Class time focuses on individualized instruction, student presentation time, and/or group learning.</p>	<p>2017 Fall</p>	<p>The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.</p>
<p>KIN 213 C Intercollegiate Swimming-Men Units: 3 Lecture: 0 Laboratory: 10</p>	<p>* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 211 C change to KIN 213 C * Title change</p>	<p>30</p>	<p>Class time focuses on individualized instruction, student presentation time, and/or group learning.</p>	<p>2017 Fall</p>	<p>The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.</p>
<p>KIN 214 C Intercollegiate Swimming- Women Units: 3 Lecture: 0 Laboratory: 10</p>	<p>* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 212 C change to KIN 214 C * Title change</p>	<p>30</p>	<p>Class time focuses on individualized instruction, student presentation time, and/or group learning.</p>	<p>2017 Fall</p>	<p>The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.</p>
<p>KIN 215 C Intercollegiate Tennis Units: 3 Lecture: 0 Laboratory: 10</p>	<p>* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 214 C change to KIN 215 C * Title - removed</p>	<p>15</p>	<p>Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.</p>	<p>2017 Fall</p>	<p>The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.</p>

KIN 217 C Intercollegiate Volleyball- Women Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 218 C change to KIN 217 C * Title change	15	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 218 C Intercollegiate Water Polo Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * PE 219 C change to KIN 218 C * Title - removed	18	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
KIN 222 C Intercollegiate Badminton- Women Units: 3 Lecture: 0 Laboratory: 10	* Outline Update * Prefix change from PE to KIN * Catalog Description Update * Prerequisite revalidated * Title change	15	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.	2017 Fall	The Physical Education Division is changing its name to Kinesiology to better reflect the scope of the field and to stay current with the culture in 4-year institutions.
MATH 024 C Pre-Statistics Units: 6 Lecture: 6 Laboratory: 0	* Outline Update * Catalog Description Update * Prerequisites revalidated * Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	Minor course change to align with new textbook.
MATH 150AC Calculus I Units: 4 Lecture: 4 Laboratory: 0	* Outline Update * Prerequisites revalidated * Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	Minor revisions to align with the CID Math 210 descriptor

MATH 150BC Calculus II Units: 4 Lecture: 4 Laboratory: 0	* Outline Update * Catalog Description Update * Schedule Description Update * Prerequisites revalidated * Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	This revision is necessary to bring the course into alignment with the CID Descriptor Math 220.
REC 100 C Foundations of Recreation and Leisure Services Units: 3 Lecture: 3 Laboratory: 0	* Outline Update * Catalog Description Update * Schedule Description Update * Class Size from 32 to 35 * Title change * Textbook Update * Add Distance Education/Hybrid * FSA C65 Recreational Admin. added	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	5 year update Outline, catalog, schedule, title & textbook updated to better reflect course content. Online component requested to increase the distance education offerings at Cypress College, to increase student access and meet student demands.
REC 101 C Principles of Community Recreation Units: 3 Lecture: 3 Laboratory: 0	* Outline Update * Textbook Update * Add Distance Education/Hybrid * CIP code changed	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	5 year update Outline & textbook updated to better reflect course content. Online component requested to increase the distance education offerings at Cypress College, to increase student access and meet student demands.

<p>REC 102 C Recreation Leadership and Diverse Groups Units: 3 Lecture: 3 Laboratory: 0</p>	<ul style="list-style-type: none"> * Outline Update * Catalog Description Update * Schedule Description Update * Units from 2 to 3 * Lecture hours from 2 to 3 * Lab hours from 2 to 0 * Cultural Diversity proposal * Textbook Update * Class size from 32 to 35 * Title change * Add Distance Education/Hybrid * FSA C65 Recreational Admin. added * CIP code changed 	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	<p>5 year update Outline, catalog, schedule, title & textbook updated to better reflect course content.</p> <p>Online component requested to increase the distance education offerings at Cypress College, to increase student access and meet student demands.</p>
<p>REC 103 C Organized Fall Sports Activity- Recreation Units: 2 Lecture: 1 Laboratory: 3</p>	<ul style="list-style-type: none"> * Outline Update * Catalog Description Update * Lab hours from 2 to 3 * Textbook Update * Title expanded * CIP code changed * FSA C65 Recreational Admin. added 	32	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	<p>5 year update Outline, catalog, title & textbook updated to better reflect course content.</p>
<p>REC 104 C Organized Spring Sports Activity- Recreation Units: 2 Lecture: 1 Laboratory: 2</p>	<ul style="list-style-type: none"> * Outline Update * Catalog Description Update * Textbook Update * Title expanded * CIP code changed * FSA C65 Recreational Admin. added 	32	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2017 Fall	<p>5 year update Outline, catalog, title & textbook updated to better reflect course content.</p>

<p>REC 106 C Outdoor Recreation and Camp Counseling Units: 3 Lecture: 3 Laboratory: 0</p>	<ul style="list-style-type: none"> * Outline Update * Textbook Update * Title change from / to and * Class size from 32 to 35 * Add Distance Education/Hybrid * CIP code changed * FSA C65 Recreational Admin. added 	<p>35</p>	<p>While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.</p>	<p>2017 Fall</p>	<p>5 year update Outline, title & textbook updated to better reflect course content. Online component requested to increase the distance education offerings at Cypress College, to increase student access and meet student demands.</p>
<p>REC 107 C Recreation for Special Groups Units: 3 Lecture: 3 Laboratory: 0</p>	<ul style="list-style-type: none"> * Outline Update * Catalog Description Update * Schedule Description Update * Textbook Update * CIP code changed * FSA C65 Recreational Admin. added 	<p>32</p>	<p>While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.</p>	<p>2017 Fall</p>	<p>5 year update Outline, catalog, schedule & textbook updated to better reflect course content.</p>

REVISED DEGREES/CERTIFICATES

DEGREE		EFF DATE	JUSTIFICATION																																																																																	
Anthropology	<p>AA Degree in Anthropology Required Courses</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ANTH101 C</td> <td>Biological Anthropology</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ANTH101HC</td> <td>Honors Biological Anthropology</td> <td>3</td> </tr> <tr> <td>ANTH101LC</td> <td>Biological Anthropology Lab</td> <td>1</td> </tr> <tr> <td>ANTH102 C</td> <td>Cultural Anthropology</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ANTH102HC</td> <td>Honors Cultural Anthropology</td> <td>3</td> </tr> <tr> <td>ANTH103 C</td> <td>Introduction to Archaeology</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ANTH106 C</td> <td>Human Prehistory and Ancient Civilizations</td> <td>3</td> </tr> <tr> <td>ANTH105 C</td> <td>Introduction to Linguistic Anthropology</td> <td>3</td> </tr> <tr> <td colspan="3">Six (6) units or more from the following Anthropology Elective Courses</td> </tr> <tr> <th></th> <th></th> <th>Units</th> </tr> <tr> <td>ANTH103 C</td> <td>Introduction to Archaeology</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ANTH106 C</td> <td>Human Prehistory and Ancient Civilizations</td> <td>3</td> </tr> <tr> <td>ANTH104 C</td> <td>Comparative Cultures</td> <td>3</td> </tr> <tr> <td>ANTH107 C</td> <td>Magic, Witchcraft and Religion</td> <td>3</td> </tr> <tr> <td>ANTH121 C</td> <td>Native North America</td> <td>3</td> </tr> <tr> <td>ANTH208 C</td> <td>Anthropology of Death</td> <td>3</td> </tr> <tr> <td>ANTH210 C</td> <td>Introduction to Forensic Anthropology</td> <td>3</td> </tr> <tr> <td>ANTH211 C</td> <td>Applied and Practicing Anthropology</td> <td>3</td> </tr> <tr> <td>ANTH225 C</td> <td>Ancient Cultures of Mexico and Central America</td> <td>3</td> </tr> <tr> <td>ANTH231 C</td> <td>Field Course in Archaeology I</td> <td>3</td> </tr> <tr> <td>ANTH232 C</td> <td>Field Course in Archaeology II</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>19</td> </tr> </tbody> </table>			Units	ANTH101 C	Biological Anthropology	3		or		ANTH101HC	Honors Biological Anthropology	3	ANTH101LC	Biological Anthropology Lab	1	ANTH102 C	Cultural Anthropology	3		or		ANTH102HC	Honors Cultural Anthropology	3	ANTH103 C	Introduction to Archaeology	3		or		ANTH106 C	Human Prehistory and Ancient Civilizations	3	ANTH105 C	Introduction to Linguistic Anthropology	3	Six (6) units or more from the following Anthropology Elective Courses					Units	ANTH103 C	Introduction to Archaeology	3		or		ANTH106 C	Human Prehistory and Ancient Civilizations	3	ANTH104 C	Comparative Cultures	3	ANTH107 C	Magic, Witchcraft and Religion	3	ANTH121 C	Native North America	3	ANTH208 C	Anthropology of Death	3	ANTH210 C	Introduction to Forensic Anthropology	3	ANTH211 C	Applied and Practicing Anthropology	3	ANTH225 C	Ancient Cultures of Mexico and Central America	3	ANTH231 C	Field Course in Archaeology I	3	ANTH232 C	Field Course in Archaeology II	3	Total Units		19	2017 Fall	<p>ANTH 208, ANTH 211, ANTH 232 added in electives. No total unit change</p> <p>ANTH 106 title from World Prehistory to Human Prehistory and Ancient Civilizations</p> <p>ANTH 225 title from Cultures of Mesoamerica to Ancient Cultures of Mexico and Central America</p>
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GEOG102 C	Physical Geography	3
GEOG130 C	California Geography	3
GEOG160 C	Cultural Geography	3
GEOG202 C	Field Geography - Physical	1
GEOG230 C	Introduction to GIS	3
GEOL100 C	Physical Geology	3
GEOL103 C	Historical Geology	4
GEOL120 C	Geology of California	3
Total Units		29

Anthropology

Associate in Arts in Anthropology for Transfer
Required Core: 9 units

		Units
ANTH101 C	Biological Anthropology	3
	or	
ANTH101HC	Honors Biological Anthropology	3
	and	
ANTH102 C	Cultural Anthropology	3
	or	
ANTH102HC	Honors Cultural Anthropology	3
	and	
ANTH103 C	Introduction to Archaeology	3

List A - Select 4-5 units minimum from the following (ANTH 101LC plus one other):

		Units
ANTH101LC	Biological Anthropology Lab	1
	and	
ANTH105 C	Introduction to Linguistic Anthropology	3
	or	
ANTH106 C	Human Prehistory and Ancient Civilizations	3
ANTH107 C	Magic, Witchcraft and Religion	3
	or	
ANTH121 C	Native North America	3
	or	
MATH120 C	Introduction to Probability and Statistics	4
	or	
PSY161 C	Probability and Statistics-Social Sciences	4
	or	
PSY161HC	Honors Probability and Statistics-Soc Sci	4
	or	
SOC161 C	Probability and Statistics-Social Sciences	4
	or	
SOC161HC	Honors Probability and Statistics-Social Sciences	4

List B - Select 3-4 units minimum from List A courses not already taken.

		Units
List C - Select 3 units minimum from List A courses not already taken, or from the following		
		Units
ANTH104 C	Comparative Cultures	3
	or	
ANTH210 C	Introduction to Forensic Anthropology	3
	or	
ANTH208 C	Anthropology of Death	3
	or	

2017
Fall

ANTH 208, ANTH 211,
ANTH 232 added in
electives.
No total unit change

ANTH 225 title from
Cultures of Mesoamerica
to Ancient Cultures of
Mexico and Central
America

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Aviation and Travel Careers	<p>BASIC AIRLINE CUSTOMER SERVICES CERTIFICATE</p> <p>Required courses are listed in numeric sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC183 C</td> <td>Customer Care: Airline/Travel</td> <td>3</td> </tr> <tr> <td>ATC192 C</td> <td>Airline Reservations: SABRE</td> <td>3</td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>18</td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC183 C	Customer Care: Airline/Travel	3	ATC192 C	Airline Reservations: SABRE	3	ATC270 C	Airline Operations	3	Total Units		18	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 183 C added						
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Aviation and Travel Careers	<p>BASIC CRUISE LINE SALES & OPERATIONS CERTIFICATE</p> <p>Required courses are listed in suggested sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC123 C</td> <td>Travel Sales and Tour Operations</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC182 C</td> <td>Cultural Tourism</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC183 C</td> <td>Customer Care: Airline/Travel</td> <td>3</td> </tr> <tr> <td>ATC223 C</td> <td>Cruise Line Sales and Operations</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>18</td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC123 C	Travel Sales and Tour Operations	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3		or		ATC183 C	Customer Care: Airline/Travel	3	ATC223 C	Cruise Line Sales and Operations	3	Total Units		18	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 182 C or ATC 183 C added
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Aviation and Travel Careers	<p>BASIC FLIGHT ATTENDANT CERTIFICATE</p> <p>Required courses are listed in numeric sequence:</p> <table border="1"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC183 C</td> <td>Customer Care: Airline/Travel</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC256 C</td> <td>Crew Resource Management</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC274 C</td> <td>Passenger Services and Safety</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>18</td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC183 C	Customer Care: Airline/Travel	3		or		ATC256 C	Crew Resource Management	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC270 C	Airline Operations	3	ATC274 C	Passenger Services and Safety	3	Total Units		18	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 256 C added as an or course and ATC 274 changed to a required course
		Units																																					
ATC101 C	Introduction to Travel Careers	3																																					
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ATC270 C	Airline Operations	3																																					
ATC274 C	Passenger Services and Safety	3																																					
Total Units		18																																					

Aviation and Travel Careers	<p>BASIC TOURISM & CONFERENCE MANAGEMENT CERTIFICATE</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="352 264 1045 611"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC123 C</td> <td>Travel Sales and Tour Operations</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC180 C</td> <td>Tourism and Conference Management</td> <td>3</td> </tr> <tr> <td>ATC182 C</td> <td>Cultural Tourism</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>18</td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC123 C	Travel Sales and Tour Operations	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC180 C	Tourism and Conference Management	3	ATC182 C	Cultural Tourism	3	Total Units		18	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 182 C added						
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Aviation and Travel Careers	<p>BASIC TRAVEL/TOURISM CERTIFICATE</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="352 726 1045 1140"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC101 C</td> <td>Introduction to Travel Careers</td> <td>3</td> </tr> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC123 C</td> <td>Travel Sales and Tour Operations</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC182 C</td> <td>Cultural Tourism</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC183 C</td> <td>Customer Care: Airline/Travel</td> <td>3</td> </tr> <tr> <td>ATC192 C</td> <td>Airline Reservations: SABRE</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>18</td> </tr> </tbody> </table>			Units	ATC101 C	Introduction to Travel Careers	3	ATC102 C	Career Communication/Portfolio	3	ATC123 C	Travel Sales and Tour Operations	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC182 C	Cultural Tourism	3		or		ATC183 C	Customer Care: Airline/Travel	3	ATC192 C	Airline Reservations: SABRE	3	Total Units		18	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 182 C or ATC 183 C added
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Aviation and Travel Careers	<p>Basic Airport Operations Certificate</p> <p>Required courses are listed in numeric sequence:</p> <table border="1" data-bbox="352 1251 1045 1665"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>ATC102 C</td> <td>Career Communication/Portfolio</td> <td>3</td> </tr> <tr> <td>ATC112 C</td> <td>Homeland Security</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC116 C</td> <td>Aviation/Transportation Security</td> <td>3</td> </tr> <tr> <td>ATC174 C</td> <td>Destinations: Americas/Europe</td> <td>3</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>ATC175 C</td> <td>Destinations: Africa/Pacific</td> <td>3</td> </tr> <tr> <td>ATC212 C</td> <td>Airline/Aviation Management</td> <td>3</td> </tr> <tr> <td>ATC270 C</td> <td>Airline Operations</td> <td>3</td> </tr> <tr> <td>ATC271 C</td> <td>Airport Operations</td> <td>3</td> </tr> <tr> <td>Total Units</td> <td></td> <td>1</td> </tr> </tbody> </table>			Units	ATC102 C	Career Communication/Portfolio	3	ATC112 C	Homeland Security	3		or		ATC116 C	Aviation/Transportation Security	3	ATC174 C	Destinations: Americas/Europe	3		or		ATC175 C	Destinations: Africa/Pacific	3	ATC212 C	Airline/Aviation Management	3	ATC270 C	Airline Operations	3	ATC271 C	Airport Operations	3	Total Units		1	2017 Fall	Increased units from 15-18 to address advisory committee concerns about skill attainment. Change will also enable students wanting to transfer to combine this certificate with CSU-GE or IGETC to avoid taking extra courses to complete a degree. ATC 174 C or ATC 175 C added
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ATC102 C	Career Communication/Portfolio	3																																					
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Total Units		1																																					

Computer Information Systems	<p>ASSOCIATE IN SCIENCE DEGREE COMPUTER APPLICATIONS</p> <p>Required Courses are listed in suggested sequence:</p> <table border="1" data-bbox="347 262 1047 772"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CIS107 C</td> <td>Introduction to Windows</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>CIS110 C</td> <td>Linux Operating System</td> <td>3</td> </tr> <tr> <td>CIS111 C</td> <td>Computer Information Systems</td> <td>3</td> </tr> <tr> <td>CIS132 C</td> <td>Spreadsheet-Excel for Windows</td> <td>3</td> </tr> <tr> <td>CIS142 C</td> <td>Database-Access for Windows</td> <td>3</td> </tr> <tr> <td>CIS160 C</td> <td>Information Systems Management</td> <td>3</td> </tr> <tr> <td>CIS182 C</td> <td>Microsoft Networking Fundamentals</td> <td>3</td> </tr> <tr> <td>CIS211 C</td> <td>Introduction to Programming</td> <td>3</td> </tr> <tr> <td>CIS115 C</td> <td>Desktop Publishing - Publisher</td> <td>2</td> </tr> <tr> <td>CIS250 C</td> <td>Word Processing</td> <td>2</td> </tr> <tr> <td>CIS116 C</td> <td>MS Outlook/Office Procedures</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total Units</td> <td>27 - 28</td> </tr> </tbody> </table>			Units	CIS107 C	Introduction to Windows	2		or		CIS110 C	Linux Operating System	3	CIS111 C	Computer Information Systems	3	CIS132 C	Spreadsheet-Excel for Windows	3	CIS142 C	Database-Access for Windows	3	CIS160 C	Information Systems Management	3	CIS182 C	Microsoft Networking Fundamentals	3	CIS211 C	Introduction to Programming	3	CIS115 C	Desktop Publishing - Publisher	2	CIS250 C	Word Processing	2	CIS116 C	MS Outlook/Office Procedures	3				Total Units		27 - 28	2017 Fall	CIS 182 C title change from Data Communications Management. CIS 108 C has been deleted. Total unit change from 29-30 to 27-28
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Total Units		27 - 28																																														
Computer Information Systems	<p>Advanced Networking Certificate</p> <p>Take 4 of the following courses:</p> <table border="1" data-bbox="347 892 1047 1199"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CIS202 C</td> <td>VMware vSphere Virtualization Networking</td> <td>3</td> </tr> <tr> <td>CIS239 C</td> <td>CCNA Bootcamp</td> <td>3</td> </tr> <tr> <td>CIS240 C</td> <td>Wireless Networking Technology</td> <td>3</td> </tr> <tr> <td>CIS248 C</td> <td>Voice Over IP</td> <td>3</td> </tr> <tr> <td>CIS257 C</td> <td>Storage Management and Cloud Computing</td> <td>3</td> </tr> <tr> <td>CIS258 C</td> <td>CCNA Security</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total Units</td> <td>12</td> </tr> </tbody> </table>			Units	CIS202 C	VMware vSphere Virtualization Networking	3	CIS239 C	CCNA Bootcamp	3	CIS240 C	Wireless Networking Technology	3	CIS248 C	Voice Over IP	3	CIS257 C	Storage Management and Cloud Computing	3	CIS258 C	CCNA Security	3				Total Units		12	2017 Fall	CIS 202 C title change from VMware Virtualization Network. No total unit change																		
		Units																																														
CIS202 C	VMware vSphere Virtualization Networking	3																																														
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Computer Information Systems	<p>COMPUTER APPLICATIONS CERTIFICATE</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="347 1318 1047 1829"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CIS107 C</td> <td>Introduction to Windows</td> <td>2</td> </tr> <tr> <td></td> <td>or</td> <td></td> </tr> <tr> <td>CIS110 C</td> <td>Linux Operating System</td> <td>3</td> </tr> <tr> <td>CIS111 C</td> <td>Computer Information Systems</td> <td>3</td> </tr> <tr> <td>CIS132 C</td> <td>Spreadsheet-Excel for Windows</td> <td>3</td> </tr> <tr> <td>CIS142 C</td> <td>Database-Access for Windows</td> <td>3</td> </tr> <tr> <td>CIS160 C</td> <td>Information Systems Management</td> <td>3</td> </tr> <tr> <td>CIS182 C</td> <td>Microsoft Networking Fundamentals</td> <td>3</td> </tr> <tr> <td>CIS211 C</td> <td>Introduction to Programming</td> <td>3</td> </tr> <tr> <td>CIS115 C</td> <td>Desktop Publishing - Publisher</td> <td>2</td> </tr> <tr> <td>CIS250 C</td> <td>Word Processing</td> <td>2</td> </tr> <tr> <td>CIS116 C</td> <td>MS Outlook/Office Procedures</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total Units</td> <td>27 - 28</td> </tr> </tbody> </table>			Units	CIS107 C	Introduction to Windows	2		or		CIS110 C	Linux Operating System	3	CIS111 C	Computer Information Systems	3	CIS132 C	Spreadsheet-Excel for Windows	3	CIS142 C	Database-Access for Windows	3	CIS160 C	Information Systems Management	3	CIS182 C	Microsoft Networking Fundamentals	3	CIS211 C	Introduction to Programming	3	CIS115 C	Desktop Publishing - Publisher	2	CIS250 C	Word Processing	2	CIS116 C	MS Outlook/Office Procedures	3				Total Units		27 - 28	2017 Fall	CIS 182 C title change from Data Communications Management. CIS 108 C has been deleted. The course has been removed from the CIS curriculum. Total unit change from 29-30 to 27-28
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Computer Information Systems	<p>MICROSOFT NETWORKING CERTIFICATE</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="347 247 1045 653"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CIS185 C</td> <td>Administering Windows Server</td> <td>3</td> </tr> <tr> <td>CIS189 C</td> <td>Administrating and Configuring Windows Server Directory Services</td> <td>3</td> </tr> <tr> <td>CIS191 C</td> <td>Administrating and Configuring Windows Server Network Infrastructure</td> <td>3</td> </tr> <tr> <td colspan="3">Select one of the following: (3 units)</td> </tr> <tr> <th></th> <th></th> <th>Units</th> </tr> <tr> <td>CIS182 C</td> <td>Microsoft Networking Fundamentals</td> <td>3</td> </tr> <tr> <td>CIS187 C</td> <td>Microsoft Exchange and SharePoint Services</td> <td>3</td> </tr> <tr> <td colspan="3">Total Units</td> </tr> <tr> <td colspan="2"></td> <td>12</td> </tr> </tbody> </table>			Units	CIS185 C	Administering Windows Server	3	CIS189 C	Administrating and Configuring Windows Server Directory Services	3	CIS191 C	Administrating and Configuring Windows Server Network Infrastructure	3	Select one of the following: (3 units)					Units	CIS182 C	Microsoft Networking Fundamentals	3	CIS187 C	Microsoft Exchange and SharePoint Services	3	Total Units					12	2017 Fall	Title changes on CIS 182 from Data Communications Management, CIS 185 from Microsoft Client/Server Administration, CIS 189 from MS Windows Active Directory, CIS 191 from Network Infrastructure Administration, CIS 187 from MS Windows Exchange Server Rearranged courses in certificate. Total unit change from 15 to 12
		Units																															
CIS185 C	Administering Windows Server	3																															
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Computer Information Systems	<p>Network Virtualization Certificate</p> <p>Required courses are listed in suggested sequence:</p> <table border="1" data-bbox="347 890 1045 1163"> <thead> <tr> <th></th> <th></th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>CIS185 C</td> <td>Administering Windows Server</td> <td>3</td> </tr> <tr> <td>CIS189 C</td> <td>Administrating and Configuring Windows Server Directory Services</td> <td>3</td> </tr> <tr> <td>CIS201 C</td> <td>Microsoft Virtualization and Cloud Deployment</td> <td>3</td> </tr> <tr> <td>CIS202 C</td> <td>VMware vSphere Virtualization Networking</td> <td>3</td> </tr> <tr> <td colspan="3">Total Units</td> </tr> <tr> <td colspan="2"></td> <td>12</td> </tr> </tbody> </table>			Units	CIS185 C	Administering Windows Server	3	CIS189 C	Administrating and Configuring Windows Server Directory Services	3	CIS201 C	Microsoft Virtualization and Cloud Deployment	3	CIS202 C	VMware vSphere Virtualization Networking	3	Total Units					12	2017 Fall	Title changes on CIS 185 from Microsoft Client/Server Administration, CIS 189 from MS Windows Active Directory, CIS 201 from MS Virtualization Network, CIS 202 from VMware Virtualization Network No total unit change.									
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