CYPRESS COLLEGE
CURRICULUM COMMITTEE

Tuesday, November 17, 2020
https://cccconfer.zoom.us/j/97745846674
3:00 p.m.

MINUTES
(Approved 11/24/2020)

Voting Members:

- ☑ Rassoul Alizadeh (Business)
- ☑ Silvie Grote (Kinesiology)
- ☑ Joseph Melodia (Language Arts)
- ☑ Jacky Rangel (Articulation Officer)
- ☑ Juan Garcia (Counseling)
- ☑ Danny Lind (Social Science)
- ☐ Joyce Peacock (Library)
- ☑ Patti Spitler (Health Science)
- ☑ Allison Gotoh (Science, Engineer, Math)
- ☑ Marcus McMillan (Fine Arts)
- ☑ Larry Ramos (Career Technical Education)

Non-Voting Members:

- ☑ Josh Boynton (A.S. Representative)
- ☑ Silvie Grote (Curriculum Chair)
- ☑Patrick Tuufuli (Admissions & Records)
- ☑ Terry Carpenter (CNET Specialist)
- ☑ Marbelly Jairam (Curriculum Specialist)
- ☑ Lee Douglas (VPI)
- ☑ Kathleen Reiland (LAOCRC Dean)

Guest: Ed Giardina, Ian Holmes

Call to Order: by Silvie Grote at 3:07 p.m.

Establish Quorum and Acknowledge Alternates: None.

Adoption of the Agenda: MSP

Approval of November 3, 2020 *minutes*: MSP 8-0-1 with correction to Elementary Teacher Education ADT (required core courses should be 44 units)

Public Commentary: None

Curriculum Specialist Report: No report

Articulation Officer Report
Articulation officer shared with committee that guiding notes for area F (Ethnic Studies) from the CSUs will be available by the end of the month. The FAQs on the Ethnic Studies requirement are also posted on our Canvas shell.

CPL Report and CPL Catalog language
Juan shared with committee the updated BP/AP language. This will go to DCCC this Friday, November 20, 2020.

Division Reports: All division reps
Fine Arts: No report.
Business: No report.
Career Technical Education: No report
Science/Engineering/Mathematics: No report.
Social Science: No report.
Health Science: No report.
Counseling: Rep not present.
Language Arts: No report.

Kinesiology: No report.

Chair Report

Chair shared an update about the CPL Coordinator job position. The call went out to faculty and it will close on Friday at noon.

The GE committee had their second meeting and are waiting for CSU guidelines in regards to the Ethnic Studies requirement. The committee identify courses that meet Native GE requirements but do not satisfy CSU GE and IGETC. Chair will send an email and reach out to division coordinators and reps for the possibility to align or removed them from the Native pattern. AO also shared that students have plenty of options in case courses get removed.

Curriculum By-laws

Chair shared the first draft of the By-laws and it will also be posted in our Canvas shell. Chair asked committed for feedback.

Approval of Curriculum

Info Item: Courses and Table 1-4

Table 1.

HS 165 C- Updating TOP code to 1201.00 Health occupations general and CIP 510000 health services /allied health/ science general-previously board approved 11/10/2020 effective Fall 2021.**Action: MSP**

KIN 293 C- Updating prerequisite and advisory: add KIN 291 C as a prerequisite and KIN 290 C as an advisory-previously board approved 11/10/2020 effective Fall 2021. **Action: MSP**

Table 2. Revision to Mode of Delivery (E-DE) for 729 courses effective Spring 2021. See document at the end of agenda. **Action: MSP**

Table 3. The following revised courses will revert back from FAME to MAD-previously locally approved 4/28/20 (see below). These courses are effective Fall 2021. **Action: MSP**

Previously Approved on 4/28/2020	**Vote on prefix only- change from FAME to MAD**
FAME179 C The Film Business-Conception to Exhibition	MAD 179 C
FAME180 C Video Editing	MAD 180 C
FAME182 C Cinematography	MAD 182 C
FAME183 C Preproduction for TV, Video and Film	MAD 183 C
FAME184 C Digital Video Explorations	MAD 184 C
FAME185 C Documentary Film Production	MAD 185 C
FAME186 C Film/Video Field Productions	MAD 186 C
FAME187 C Motion Design II	MAD 187 C
FAME188 C Beginning Single Camera Prod	MAD 188 C
FAME189 C Cinematography II	MAD 189 C
FAME190 C Entertainment Design Studio	MAD190C-**Tabled for future meeting. Discussion whether this course should be a new course and recommendation that MAD 190 remains without revision or be deactivated**
FAME191 C Film Noir Genre	MAD 191 C
FAME192 C Great Directors of Cinema	MAD 192 C
FAME193 C Introduction to 2D Animation	MAD 193 C
FAME194 C Beginning Motion Picture Prod	MAD 194 C
FAME195 C Science Fiction Film Genre	MAD 195 C
FAME196 C Silent Film Genre	MAD 196 C
FAME197 C Western Film Genre	MAD 197 C
FAME198 C Horror Film Genre	MAD 198 C
FAME200 C Storyboarding, Comics, Previz	MAD 200 C
FAME201 C 3D Typography for Media Design	MAD 201 C
FAME203 C Intermediate 2D Animation	MAD 203 C
FAME204 C Visual Development and Layout	MAD 204 C
FAME207 C Projection Design	MAD 207 C
FAME210 C 3D Storyboarding and Layout	MAD 210 C
FAME295 C Media Arts Design Internship	MAD 295 C
FAME130 C Introduction to Electronica Media	MAD 130 C
FAME131 C Introduction to Media Aesthetics	MAD 131 C

FAME132 C Digital Painting	MAD 132 C
FAME134 C Digital Imaging	MAD 134 C
FAME136 C Digital Imaging II	MAD 136 C
FAME150 C Intermediate 3D	MAD 150 C
FAME156 C Advanced 3D	MAD 156 C
FAME176 C Digital Design Studio I	MAD 199 C
FAME100 C Introduction to Media Arts Design	MAD 100 C
FAME102 C Introduction to WEB Design	MAD 102 C
FAME103 C Exploring WEB Design	MAD 103 C
FAME104 C Intro to 3D	MAD 104 C
FAME106 C Social Media Vlog Production	MAD 106 C
FAME107 C Motion Design I	MAD 107 C
FAME108 C Digital Video Production	MAD 108 C
FAME111 C Introduction to Media Writing	MAD 111 C
FAME112 C Digital Illustration	MAD 112 C
FAME114 C Digital Illustration II	MAD 114 C
FAME116 C Graphic Design I	MAD 116 C
FAME117 C Graphic Design II	MAD 117 C
FAME118 C Graphic Design III	MAD 118 C
FAME120 C Beginning 3D	MAD 120 C
FAME122 C History of Graphic Design	MAD 122 C

Table 4. The following programs contains courses that revert back from FAME to MAD-previously locally approved 4/28/20 (see below). These programs are effective Fall 2021. **Action: MSP**

Multimedia Advertising Certificate
Digital Cinema Arts and Industry Certificate
Digital Cinema Production Certificate
Digital Cinema Techniques and Technologies Certificate
Advertising and Emerging Technologies Certificate
3D ANIMATION CERTIFICATE
2D Animation Certificate
Character and Background Design for Animation and Game Art
DIGITAL ILLUSTRATION CERTIFICATE
GRAPHIC DESIGN CERTIFICATE
Graphic Design Associate in Arts Degree
Post Production Basics for Cinema & Video Certificate
Motion Design
Storyboarding Certificate
Associate in Science in Film, Television and Electronic Media for Transfer Degree (AS-T)
Social Media Production and Marketing
Film Aesthetics and Technology
Multimedia Arts Certificate

DEACTIVATE COURSES		
COURSE ID	**EFF DATE**	**JUSTIFICATION**
CIS 101 C **Action: MSP**	2021 Fall	As it is (along with CIS121C) is being consolidated into CIS102C course
CIS 107 C **Action: MSP**	2021 Fall	This course closely matches most parts of CIS 100. In an effort to remove similar, unneeded courses this will be deactivated.
CIS 187 C **Action: MSP**	2021 Fall	The Microsoft Exchange Server course is not included in the updated version of Microsoft server 2016 curricula, therefore when we were trying to revise our related certificates accordingly, the course got removed and it is no longer needed.
CIS 229 C **Action: MSP**	2021 Fall	The course has not been attractive to the CIS students and is not included in any certificates.
CIS 240 C **Action: MSP**	2021 Fall	Course Deactivation
CIS 248 C	2021 Fall	Course Deactivation

Action: MSP		
CIS 250 C **Action: MSP**	2021 Fall	Based on the CIS department course revising decision, the CIS 250 subject materials have been incorporated in CIS 102 curricula, therefore the course is not needed any more.
CIS 251 C **Action: MSP**	2021 Fall	Based on the CIS department course revising decision, the CIS 251 subject materials have been incorporated in CIS 102 curricula, therefore the course is not needed any more and will be deactivated.

REVISED COURSES					
COURSE ID	**ACTION TAKEN**	**CLASS SIZE**	**CLASS SIZE JUSTIFICATION**	**EFF DATE**	**JUSTIFICATION**
CIS 075 C Business Skills Development Units: 2 Lecture: 1 Laboratory: 3 **Action: MSP**	*Outline Update *Units change from .50-10 to 2 *Open Entry/Open Exit: Removed *Student contact hours from 36-720 to 72 *Outside of class hours from 18 to 36 *Total student learning hours from 54 -1080 to 108 *Lecture hours from 0.50-10 to 1 *Laboratory hours from 1.5- 30 to 3 *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	30	This is a course involves office skill building including typing and general business office skills. Class time focuses on individualized instruction, student presentation time, and/or group learning.	2021 Fall	Outline, units, open entry/open exit, student contact hours, outside of class hours, total student learning hours, lecture hours, laboratory hours, catalog/schedule description, SLOs and textbook updated to better reflect course content.
CIS 102 C MS Word Business Applications Units: 4 Lecture: 3 Laboratory: 3 **Action: MSP**	*Outline Update *Title update from Advanced MS Word Business *Open Entry/Open Exit: Removed *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. Evaluation primarily through objective exams. Writing assignments are assessed mostly for concepts and structure	2021 Fall	Outline, title, open entry/open exit, catalog/schedule description, SLOs and textbook updated to better reflect course content. Since several similar courses got de-activated and their contents and objectives were added into the CIS 102.
CIS 103 C Presentation-PowerPoint for Windows Units: 3 Lecture: 3 Laboratory: 1 **Action: MSP**	*Outline Update *Title update from Microsoft Excel and PowerPoint *Advisory: Removed *Student contact hours from 90 to 72 *Outside of class hours from 72 to 108 *Total student learning hours from 162 to 180 *Lecture hours from 2 to 3 *Laboratory hours from 3 to 1 *SAM Code updated to C *Catalog/Schedule Description Update *Student Learning Outcomes Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, title, advisory removal, SAM Code, catalog/schedule description, SLOs and textbook updated to better reflect course content. The revision is related to removing the Excel curriculum of the course and update it to provide only the PowerPoint features and commands. The rationale for this modification is that there are other essential Microsoft Office courses existed in the CIS curricula to cover Excel such as CIS 111, CIS 150, and CIS 132.

	*Textbook Update				
CIS 164 C IT Support Services Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Computer Desktop Support *CIP Code updated to 111006 *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations	2021 Fall	Outline, title, CIP Code, catalog/Schedule description, SLOs and textbook updated to better reflect course content. The course title has been changed according to the decision of the CIS department based on the students' needs.
CIS 189 C Administrating Windows Active Directory Services Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Administrating and Configuring Windows Server Directory Services *Catalog/Schedule Description Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, title, catalog/schedule description and textbook updated to better reflect course content. The title of the course has been modified according to students understanding and industry format. In addition, the lecture/lab ratio has been modified because of the vast amount of information and topics in the course.
CIS 190 C IT & Cybersecurity Fundamentals Units: 4 Lecture: 3.5 Laboratory: 2 **Action: MSP**	*Outline Update *Units from 3 to 4 *Title from Cybersecurity Competition Fundamentals *Student contact hours from 90 to 99 *Outside of class hours from 72 to 126 *Total student learning hours from 162 to 225 *Lecture hours from 2 to 3.5 *Laboratory from 3 to 2 *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update *UC Transfer	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. Evaluation primarily through objective exams. Writing assignments are assessed mostly for concepts and structure.	2021 Fall	Outline, units, title, catalog/schedule description, SLOs and textbook updated to better reflect course content. CIS 190 now includes bootcamp for two industry recognized certifications. We are adding bootcamp sessions and related contents for students to pass the related test. Including test banks. The course should be 4 units due to these changes.
CIS 191 C Network Infrastructure Services Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Administrating and Configuring Windows Server Network Infrastructure *Catalog/Schedule Description Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, title, catalog/schedule description and textbook updated to better reflect course content. The title of the course has been modified according to students understanding and industry format.
CIS 201 C Microsoft Virtualization and Cloud Deployment Units: 3 Lecture: 3 Laboratory: 1 **Action: MSP**	*Outline Update *Catalog/Schedule Description Update *Textbook Update	30	Individualized Instruction - 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.	2021 Fall	Outline, catalog/schedule description and textbook updated to better reflect course content. Updating the course in order to become more compatible with the new technology in the area of Microsoft Virtualization and Cloud Deployment.

CIS 202 C VMware Cloud And Virtualization Networking Units: 3 Lecture: 3 Laboratory: 1 **Action: MSP**	*Outline Update *Title from VMware vSphere Virtualization Networking *Catalog/Schedule Description Update	30	Individualized Instruction - 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.	2021 Fall	Outline, title and catalog/schedule description updated to better reflect course content. The course must be revised according to the college curriculum guidelines. In addition, the course concepts must be updated according to the new technology in cloud development.
CIS 230 C Cisco Networking 1 Units: 4 Lecture: 3.5 Laboratory: 2 **Action: MSP**	*Outline Update *Units from 3 to 4 *Advisory added: CIS 190 C *Student contact hours from 90 to 99 *Outside of class hours from 72 to 126 *Total student learning hours from 162 to 225 *Lecture hours from 2 to 3.5 *Laboratory hours from 3 to 2 *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update *UC Transfer *IGETC: Area 2A	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, units, advisory, catalog/schedule description, SLOs and textbook updated to better reflect course content. Course now includes preparing students for the CompTIA industry exam (Network+)
CIS 233 C Cisco CyberOps Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Cisco Networking 4 *Prerequisite removed *Advisory added: CIS 190 C and CIS 230 C *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, title, prerequisite removal, advisory added, catalog/schedule description, SLOs and textbook updated to better reflect course content. During the past 20 years we have been teaching a series of 4 Cisco courses. CIS 230 (Cisco Networking 1), CIS 231 (Cisco Networking 2), CIS 232 (Cisco Networking 3) and CIS 233 (Cisco networking 4). Cisco just announced title and content changes in Cisco networking 4 and we are implementing those in this revision
CIS 257 C Cloud Implementation and Security Units: 4 Lecture: 3.5 Laboratory: 2 **Action: MSP**	*Outline Update *Units from 3 to 4 *Title from Storage Management and Cloud Computing *Advisory revalidated *Student contact hours from 72 to 99 *Outside of class hours from 108 to 126 *Total student learning hours from 180 to 225 *Lecture hours from 3 to 3.5 *Laboratory hours from 1 to 2	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. Evaluation primarily through objective exams. Writing assignments are assessed mostly for concepts and structure	2021 Fall	Outline, units, title, advisory revalidated, catalog/schedule description, SLOs and textbook updated to better reflect course content.

	*Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update				
CIS 258 C Cisco Security Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from CCNA Security *Advisory revalidated *Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbook Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. number of students will be adjusted according to actual computers in class to a maximum of 35	2021 Fall	Outline, title, advisory revalidated, catalog/schedule description, SLOs and textbook updated to better reflect course content. Cisco has changed the title and it is no longer offered as a CCNA certification course. There are minor changes in course content and related areas which are included.
CIS 274 C IT Project Management Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Project Management Fundamentals *Student contact hours from 72 to 90 *Outside of class hours from 108 to 72 *Total student learning hours from 180 to 162 *Lecture hours from 3 to 2 *Laboratory hours from 1 to 3 *Catalog/Schedule Description Update	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations.	2021 Fall	Outline, title and catalog/schedule description updated to better reflect course content. The course title has been modified according to the needs of students and the requirements of the CIS department.
CIS 277 C Digital Forensics Units: 3 Lecture: 2 Laboratory: 3 **Action: MSP**	*Outline Update *Title from Computer Forensics II *Student contact hours from 72 to 90 *Outside of class hours from 108 to 72 *Total student learning hours from 180 to 162 *Lecture hours from 3 to 2 *Laboratory hours from 1 to 3 *Catalog/Schedule description Update *Student Learning Outcomes Update *Textbook Update *UC Transfer	35	While the instructor does lecture, much of the class time focuses on discussion, group learning, and/or formal/informal student presentations. 35 is the maximum number of students because this is a highly technical class that requires equipment and special materials.	2021 Fall	Outline, title, catalog/schedule description, SLOs and textbook updated to better reflect course content. The course title has been modified according to the needs of students and the requirements of the CIS department.

NEW DEGREES/CERTIFICATES			
DEGREE		**EFF DATE**	**JUSTIFICATION**
Computer Information Systems **Action: MSP**	**Data Analytics Certificate** This program helps prepare students for employment or further study in the Data Analytics field. Data Analytics is the identification, analyses and interpretation of volumes of data that are collected from a wide variety of sources. Students will learn to identify patterns and relationships in large data sets, to resolve business questions and make data-driven decisions. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 18 units. **Required courses are listed in suggested sequence (18 units):**	2021 Fall	Data analytics is among today's fastest-growing professions as organizations increasingly rely on data to drive strategic business decisions. this will be part of the OC Regional SWP Data Specialist Pathway

<table>
<tr><td></td><td>
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<tr><td></td><td></td><td>Units</td></tr>
<tr><td>MATH120 C</td><td>Introduction to Probability and Statistics</td><td>4</td></tr>
<tr><td>CIS132 C</td><td>Spreadsheet-Excel for Windows</td><td>4</td></tr>
<tr><td>CIS247 C</td><td>Python Programming</td><td>3</td></tr>
<tr><td>CIS170 C</td><td>Introduction to Data Analytics</td><td>3</td></tr>
<tr><td>CIS172 C</td><td>Data Visualization</td><td>3</td></tr>
<tr><td>COUN139 C</td><td>Career Exploration</td><td>1</td></tr>
<tr><td>Total Units</td><td></td><td>18</td></tr>
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<tr><td>Computer Information Systems
Action: MSP</td><td>Data Management Certificate
This program helps prepare students for employment or further study in the Data Management and Sciences field. Data Sciences is the identification, analyses and interpretation of volumes of data that are collected from a wide variety of sources. Students will learn to identify patterns and relationships in large data sets, to resolve business questions and make data-driven decisions. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 15 units.
Required courses are listed in suggested sequence (15 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS110 C</td><td>Linux Operating System</td><td>3</td></tr>
<tr><td>CIS236 C</td><td>Introduction to Oracle: SQL & PL/SQL</td><td>3</td></tr>
<tr><td>CIS274 C</td><td>IT Project Management</td><td>3</td></tr>
<tr><td>CIS275 C</td><td>Advanced Python Programming</td><td>3</td></tr>
<tr><td>COUN151 C</td><td>Career and Life Planning</td><td>3</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Total Units</td><td></td><td>15</td></tr>
</table>
</td><td>2021 Fall</td><td>Data Management is among today’s fastest-growing professions as organizations increasingly rely on data to drive strategic business decisions. This will be a continuation of the OC Regional SWP Data Specialist Pathway.</td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>DevSecOps (Development, Security, and Operations) Certificate
This curriculum prepares the students for a career in DevOps and DevSecOps. The program is designed to teach students the skills of secure coding, security as code and integration of security practices within the DevOps process. Students will learn to incorporate security features in every step of the development and operations process. The curriculum also helps prepare students for the industry recognized DevSecOps Engineering, AWS Solutions Architect, CompTIA Security+, Project+, and Linux+ certification exams. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 19 to 20 units.
Required courses (13 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS190 C</td><td>IT & Cybersecurity Fundamentals</td><td>4</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>CIS230 C</td><td>Cisco Networking 1</td><td>4</td></tr>
<tr><td>CIS195 C</td><td>Network Security</td><td>3</td></tr>
<tr><td>CIS247 C</td><td>Python Programming</td><td>3</td></tr>
<tr><td>CIS275 C</td><td>Advanced Python Programming</td><td>3</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>CIS226 C</td><td>Java Programming</td><td>3</td></tr>
</table>
Select two elective courses (6-7 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS170 C</td><td>Introduction to Data Analytics</td><td>3</td></tr>
<tr><td>CIS243 C</td><td>Linux Server Administration</td><td>3</td></tr>
<tr><td>CIS257 C</td><td>Cloud Implementation and Security</td><td>4</td></tr>
<tr><td>CIS274 C</td><td>IT Project Management</td><td>3</td></tr>
<tr><td>CIS277 C</td><td>Digital Forensics</td><td>3</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Total Units</td><td></td><td>19 - 20</td></tr>
</table>
</td><td>2021 Fall</td><td>To keep up with latest emerging technology and job market demand this certificate is proposed.</td></tr>
<tr><td>Kinesiology
Action: MSP</td><td>Yoga Teacher Training Certificate (200-hour)
The Yoga Teacher Training Certificate (200-hour) prepares students for and satisfies requirements of Yoga Alliance (RYS 200) accredited program. The program is structured in four layers: physical, subtle, psychological, and philosophical. This layered approach to the study of Yoga, from gross to subtle, is designed first, for students to experience the study of</td><td>2021 Fall</td><td>Based on student and labor market demand, as well as the movement toward development of integrative health programs, the advisory</td></tr>
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Yoga, as a system of practice; and second, from a place of experience, provide teaching tools based on the methodological study of Yoga. This methodological study of Yoga is based on Patanjali's Yoga Sutras. The methodological study is designed to prepare students for employment as Yoga Teachers in the health and wellness industry. To earn this certificate, complete the required courses as listed with a grade of C or better. This certificate requires a total of 16 units.

Required courses are listed in suggested sequence (12 units):

		Units
KIN290 C	Philosophy and Consciousness of Yoga	3
KIN291 C	Yoga and the Physical Body	3
KIN292 C	Yoga and the Subtle Body	3
KIN293 C	Yoga Teaching Methodology and Ethics	3

Elective courses: select 4 units from the following (4 units):

		Units
KIN128 C	Yoga-Intermediate	0.5 - 1
KIN129 C	Vinyasa Yoga	0.5 - 1
KIN130 C	Yoga	0.5 - 1
KIN131 C	Restorative and Gentle Yoga	0.5 - 1
KIN132 C	Hatha Yoga	0.5 - 1
KIN294 C	Integrative Mental Health and Mindfulness	3
KIN296 C	Whole Systems Integrative Health	3
Total Units		16

committee recommended to develop Yoga Teacher Certification as well as Integrative Health and Wellness Studies degree

Kinesiology
Action: MSP

Integrative Health and Wellness Studies Associate in Science Degree

Integrative Health and Wellness Studies is an interdisciplinary approach to the study of health. Health is defined as a state of physical, psychological, social, and spiritual wellbeing. Furthermore, health is defined as a state of wholeness, of being whole, and in this respect, we approach the study of health from a perspective of what is holy, and sacred. In approaching a vitalist, and holistic definition of health, we will comprehensively consider sleep, movement, nutrition, resiliency, mind-body practices, our connection to nature, and environment, that allow for the emergence of a whole person perspective of human flourishing and health. To earn an Associate Degree students must complete: (1) all major course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) social justice, equity, and sustainability and reading requirements; (4) any elective courses to complete a minimum of 60 units; and, (5) have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center.

Required Courses: (12 Units)

		Units
KIN294 C	Integrative Mental Health and Mindfulness	3
KIN296 C	Whole Systems Integrative Health	3
PHS286 C	Nutrition for Public Health	3
	or	
KIN270 C	Nutrition Science and Application	3
	or	
KIN270HC	Honors Nutrition: Science and Application	3
	or	
PHS270 C	Nutrition Science and Application	3
	or	
PHS270HC	Honors Nutrition: Science and Application	3
KIN281 C	Health and Social Justice	3
	or	
KIN281HC	Honors Health and Social Justice	3
	or	
PHS281 C	Health and Social Justice	3
	or	

2021 Fall

Based on student and labor market demand, as well as the movement to development of integrative health programs, the advisory committee recommended to develop Yoga Teacher Certification as well as Integrative Health and Wellness Studies degree.

PHS281HC	Honors Health and Social Justice	3

Select one (1) degree emphasis for 16 units total.

Degree Emphasis: Yoga Studies- students completing this emphasis would have earned Yoga Teacher Training Certificate (200-hour) accredited by Yoga Alliance in addition to completing AS degree. Select 16 units from the following elective courses:

		Units
KIN128 C	Yoga-Intermediate	0.5 - 1
KIN129 C	Vinyasa Yoga	0.5 - 1
KIN130 C	Yoga	0.5 - 1
KIN131 C	Restorative and Gentle Yoga	0.5 - 1
KIN132 C	Hatha Yoga	0.5 - 1
KIN290 C	Philosophy and Consciousness of Yoga	3
KIN291 C	Yoga and the Physical Body	3
KIN292 C	Yoga and the Subtle Body	3
KIN293 C	Yoga Teaching Methodology and Ethics	3

Degree Emphasis: Integrative Health Studies. Select 16 units from the following elective courses:

		Units
KIN290 C	Philosophy and Consciousness of Yoga	3
KIN291 C	Yoga and the Physical Body	3
KIN292 C	Yoga and the Subtle Body	3
KIN280 C	Introduction to Public Health	3
	or	
INDS200 C	Introduction to Global Citizenship Studies	3
	or	
INDS201 C	Global Citizenship Issues	3
PHIL101 C	Introduction to Religious Studies	3
	or	
PHIL110 C	Religions of the East	3
PHS285 C	Global and Community Health	3
KIN244 C	Lifetime Fitness and Wellness	3
	or	
KIN284 C	Contemporary Personal Health	3
	or	
PHS284 C	Contemporary Personal Health	3
	or	
COUN105 C	Stress and Anxiety Management	1
Total Units		28

MODIFY DEGREES/CERTIFICATES

DEGREE		EFF DATE	JUSTIFICATION
Computer Information Systems **Action: MSP**	**Business Information Worker Certificate** This program reflects the employable skills needed for today's business information worker. This program includes computer applications in Word, Excel, Outlook, computer concepts, and human relations in business. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16 units. **Required courses are listed in suggested sequence (16 units):**	2021 Fall	The program has been modified based on the decision of the CIS department. Remove: CIS 101, CIS 107 C, CIS 250 C, MGT 111 C, MGT 266 C Add: CIS 075 C. MGT 161 C, COUN 139 C Total units from 24 to 16

		Units
CIS075 C	Business Skills Development	2
CIS111 C	Computer Information Systems	3

<table>
<tr><td></td><td>
<table>
<tr><td>CIS116 C</td><td>MS Outlook/Office Procedures</td><td>3</td></tr>
<tr><td>CIS132 C</td><td>Spreadsheet-Excel for Windows</td><td>4</td></tr>
<tr><td>MGT161 C</td><td>Introduction to Business</td><td>3</td></tr>
<tr><td>COUN139 C</td><td>Career Exploration</td><td>1</td></tr>
<tr><td>Total Units</td><td></td><td>16</td></tr>
</table>
</td><td></td><td></td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>
Cisco Networking Certificate
This curriculum prepares the students for a career in the area of computer networking. The program is designed to teach students the skills needed to design, build, and maintain small to medium-size networks. The curriculum also prepares students for the industry-recognized CCNA (Cisco Certified Networking Associate) exam. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16 units.
Required Courses (10 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS230 C</td><td>Cisco Networking 1</td><td>4</td></tr>
<tr><td>CIS231 C</td><td>Cisco Networking 2</td><td>3</td></tr>
<tr><td>CIS232 C</td><td>Cisco Networking 3</td><td>3</td></tr>
</table>
Select 2 of the following 3 courses (6 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS233 C</td><td>Cisco CyberOps</td><td>3</td></tr>
<tr><td>CIS239 C</td><td>CCNA Bootcamp</td><td>3</td></tr>
<tr><td>CIS258 C</td><td>Cisco Security</td><td>3</td></tr>
<tr><td>Total Units</td><td></td><td>16</td></tr>
</table>
</td><td>2021 Fall</td><td>Title updated for CIS 233 C.
Add: CIS 239 C, CIS 258 C
Total units from 12 to 16</td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>
Computer Information Systems Associate in Science Degree
This curriculum prepares the student for a career in the area of computer information systems. The program is designed to develop a working knowledge of what is required to be successful in business computer information systems. To earn an Associate Degree students must complete: (1) all major course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) the social justice, equity and sustainability and reading requirements; (4) any elective courses to complete a minimum of 60 units; and, (5) have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill major requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center.
Required courses are listed in the suggested sequences (25 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>ACCT101 C</td><td>Financial Accounting</td><td>5</td></tr>
<tr><td>CIS102 C</td><td>MS Word Business Applications</td><td>4</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>4</td></tr>
<tr><td>CIS142 C</td><td>Database-Access for Windows</td><td>3</td></tr>
<tr><td>CIS211 C</td><td>Introduction to Programming</td><td>3</td></tr>
<tr><td>MGT111 C</td><td>Business Communications</td><td>3</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>MGT211 C</td><td>Writing for Business</td><td>3</td></tr>
<tr><td>Total Units</td><td></td><td>25</td></tr>
</table>
</td><td>2021 Fall</td><td>Add: CIS 102 C
Remove: CIS 150 C, CIS 160 C, CIS 250 C

Total units from 29 to 25</td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>
Computer Programming Certificate
The program is designed to provide a working knowledge of what is required to be successful in the design, development, implementation, and maintenance of software programs and solutions based on user needs and requirements. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 12 units.
Required core courses (12 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS111 C</td><td>Computer Information Systems</td><td>3</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>CIS211 C</td><td>Introduction to Programming</td><td>3</td></tr>
<tr><td>CIS226 C</td><td>Java Programming</td><td>3</td></tr>
</table>
</td><td>2021 Fall</td><td>Add: CIS 234 C, CIS 275 C, CIS 247 C
Remove: CIS 218 C, CIS 223 C,

Total units remain the same.</td></tr>
</table>

<table>
<tr><td></td><td>
<table>
<tr><td>CIS247 C</td><td>Python Programming</td><td>3</td></tr>
<tr><td>CIS234 C</td><td>Advanced Java Programming</td><td>3</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>CIS275 C</td><td>Advanced Python Programming</td><td>3</td></tr>
<tr><td>Total Units</td><td></td><td>12</td></tr>
</table>
</td><td></td><td></td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>
Computer and Office Applications Certificate
This curriculum gives the students a working knowledge for a career in computer applications in an office setting. Upon completion, the student will work in the capacity of office assistant, computer application specialist, or administrative assistant. To earn a certificate, students must complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16 units.
Required Courses are listed in suggested sequence (16 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS102 C</td><td>MS Word Business Applications</td><td>4</td></tr>
<tr><td>CIS103 C</td><td>Presentation-PowerPoint for Windows</td><td>3</td></tr>
<tr><td>CIS150 C</td><td>Microsoft Office Applications</td><td>3</td></tr>
<tr><td>CIS160 C</td><td>Information Systems Management</td><td>3</td></tr>
<tr><td>CIS142 C</td><td>Database-Access for Windows</td><td>3</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="2">Total Units</td><td>16</td></tr>
</table>
</td><td>2021 Fall</td><td>The program has been revised based on the decision of the CIS department.
Remove: CIS 101 C, CIS 116 C, CIS 250 C, CIS 251 C
Add: CIS 142 C
Title updated: CIS 102 C, CIS 103 C
Total units from 24 to 16.</td></tr>
<tr><td>Computer Information Systems
Action: MSP</td><td>
Cyber Defense Associate in Science Degree
The Cyber Defense Associate in Science Degree provides concepts and hands-on skills to identify Cybersecurity threats and implement procedures to protect Cyber assets. It will also enhance students' chances to pursue a professional career in Cybersecurity by preparing them for industry-recognized certificates such as Network+, Security+, CySA+, CCNA, CyberOps, MCSA and AWS. To earn an Associate Degree students must complete: (1) all major course requirements with a grade of C or better; (2) Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; (3) the social justice, equity and sustainability and reading requirements; (4) any elective courses to complete a minimum of 60 units; and, (5) have a minimum GPA of 2.0. At least 50 percent of all major course work must be completed at Cypress College.
Complete the required and elective core courses and one area of emphasis (26 to 27 units)
Required core courses (8 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS190 C</td><td>IT & Cybersecurity Fundamentals</td><td>4</td></tr>
<tr><td>CIS230 C</td><td>Cisco Networking 1</td><td>4</td></tr>
</table>
Elective core courses (9 to 10 units)
Choose 3 of the following courses:
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS195 C</td><td>Network Security</td><td>3</td></tr>
<tr><td>CIS196 C</td><td>Ethical Hacking</td><td>3</td></tr>
<tr><td>CIS247 C</td><td>Python Programming</td><td>3</td></tr>
<tr><td>CIS257 C</td><td>Cloud Implementation and Security</td><td>4</td></tr>
</table>
Cisco Networking emphasis (9 units)
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS231 C</td><td>Cisco Networking 2</td><td>3</td></tr>
<tr><td></td><td>and</td><td></td></tr>
<tr><td>CIS232 C</td><td>Cisco Networking 3</td><td>3</td></tr>
</table>
Select one course
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS239 C</td><td>CCNA Bootcamp</td><td>3</td></tr>
<tr><td>CIS233 C</td><td>Cisco CyberOps</td><td>3</td></tr>
<tr><td>CIS258 C</td><td>Cisco Security</td><td>3</td></tr>
</table>
System Administration and Technical Support emphasis (9 units)
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS164 C</td><td>IT Support Services</td><td>3</td></tr>
</table>
</td><td>2021 Fall</td><td>Cybersecurity breach can have major financial and legal consequences. This degree program prepares students to identify Cybersecurity threats and implement procedures to protect Cyber assets. It will also enhance students' chances to pursue a professional career in Cybersecurity by preparing them for industry-recognized certificates such as Network+, Security+, CySA+, CCNA, CyberOps, MCSA and AWS.

Add: CIS 164 C, CIS 243 C, CIS 274 C, CIS 226 C, CIS 275 C, CIS 170 C

Remove: CIS 182 C, CIS 187 C, CIS 191 C, CIS 240 C, CIS 245 C, CIS 248 C, CIS 276 C, CIS 277 C, CIS 278 C, CIS 279 C, CIS 280 C, CIS 281 C, AJ 110 C, AJ 120 C, ATC 102 C, ATC 112 C, ATC 116 C, ATC 256 C, ATC 118 C ATC 274 C,

Updated title: CIS 189 C, CIS 190 C, CIS 233 C, CIS 257 C, CIS 258 C

Total units from 24-30 to 26-27</td></tr>
</table>

	and	
CIS185 C	Administering Windows Server	3

Select one course

		Units
CIS189 C	Administrating Windows Active Directory Services	3
CIS243 C	Linux Server Administration	3

Virtualization & Cloud Computing Emphasis (9 units):

		Units
CIS201 C	Microsoft Virtualization and Cloud Deployment	3
CIS202 C	VMware Cloud And Virtualization Networking	3
CIS274 C	IT Project Management	3

Development, Security, and Operations (DevSecOps) Engineering emphasis (9 units)

		Units
CIS226 C	Java Programming	3
	or	
CIS275 C	Advanced Python Programming	3

Select 2 of the following courses:

		Units
CIS170 C	Introduction to Data Analytics	3
CIS243 C	Linux Server Administration	3
CIS274 C	IT Project Management	3
Total Units		26 - 27

Computer Information Systems
Action: MSP

Cyber Defense Certificate

The Cyber Defense certificate provides concepts and hands-on skills to identify Cybersecurity threats and implement procedures to protect Cyber assets. It will also enhance students' chances to pursue a professional career in Cybersecurity by giving them various options to prepare for industry-recognized certificates such as Network+, Security+, CySA+, CCNA, CyberOps, MCSA and AWS. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 26-27 units.

Complete the required and elective core courses and one area of emphasis (26 to 27 units)

Required core courses (8 units):

		Units
CIS190 C	IT & Cybersecurity Fundamentals	4
CIS230 C	Cisco Networking 1	4

Elective core courses (9 to 10 units)
Choose 3 of the following courses:

		Units
CIS195 C	Network Security	3
CIS196 C	Ethical Hacking	3
CIS247 C	Python Programming	3
CIS257 C	Cloud Implementation and Security	4

Cisco Networking emphasis (9 units)

		Units
CIS231 C	Cisco Networking 2	3
	and	
CIS232 C	Cisco Networking 3	3

Select one course

		Units
CIS239 C	CCNA Bootcamp	3
CIS233 C	Cisco CyberOps	3

2021 Fall

Cybersecurity breach can have major financial and legal consequences. This certificate prepares students to identify Cybersecurity threats and implement procedures to protect Cyber assets. It will also enhance students' chances to pursue a professional career in Cybersecurity by preparing them for industry-recognized certificates such as Network+, Security+, CySA+, CCNA, CyberOps, MCSA and AWS.

Add: CIS 164 C, CIS 243 C, CIS 274 C, CIS 226 C, CIS 275 C, CIS 170 C

Remove: CIS 182 C, CIS 187 C, CIS 191 C, CIS 240 C, CIS 245 C, CIS 248 C, CIS 276 C, CIS 277 C, CIS 278 C, CIS 279 C, CIS 280 C, CIS 281 C, AJ 110 C, AJ 120 C, ATC 102 C, ATC 112 C, ATC 116 C, ATC 256 C, ATC 118 C ATC 274 C,

Updated title: CIS 189 C, CIS 190 C, CIS 233 C, CIS 257 C, CIS 258 C

Total units from 24-30 to 26-27

	CIS258 C	Cisco Security	3		
	System Administration and Technical Support emphasis (9 units)				
			Units		
	CIS164 C	IT Support Services	3		
		and			
	CIS185 C	Administering Windows Server	3		
	Select one course				
			Units		
	CIS189 C	Administrating Windows Active Directory Services	3		
	CIS243 C	Linux Server Administration	3		
	Virtualization & Cloud Computing Emphasis (9 units)				
			Units		
	CIS201 C	Microsoft Virtualization and Cloud Deployment	3		
	CIS202 C	VMware vSphere Virtualization Networking	3		
	CIS274 C	IT Project Management	3		
	Development, Security, and Operations (DevSecOps) Engineering emphasis (9 units)				
			Units		
	CIS226 C	Java Programming	3		
		or			
	CIS275 C	Advanced Python Programming	3		
	Select 2 of the following courses:				
			Units		
	CIS170 C	Introduction to Data Analytics	3		
	CIS243 C	Linux Server Administration	3		
	CIS274 C	IT Project Management	3		
	Total Units		26 - 27		
Computer Information Systems **Action: MSP**	**Cybersecurity Certificate** This curriculum prepares students to recognize Cybersecurity threats and implement procedures to protect computers, networks, programs and data from unintended or unauthorized access, change or destruction. It will also enhance students' chances to pursue a professional career in Cybersecurity by preparing them for industry-recognized certificates such as ITF+, A+, Security+, CySA+, and AWS Cloud Practitioner. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 17 to 18 units. **Required Courses (8 units):**			2021 Fall	Cybersecurity breach can have major financial and legal consequences. This certificate prepares students to identify Cybersecurity threats and implement procedures to protect Cyber assets. It will also enhance students' chances to pursue a professional career in Cybersecurity by preparing them for industry-recognized certificates such as ITF+, A+, Security+, CySA+, and AWS Cloud Practitioner. Add: CIS 257 C Remove: CIS 245 C Updated title: CIS 190 C, Total units from 12 to 17-18
			Units		
	CIS190 C	IT & Cybersecurity Fundamentals	4		
	CIS230 C	Cisco Networking 1	4		
	Select 3 of the following courses (9 to 10 units):				
			Units		
	CIS195 C	Network Security	3		
	CIS196 C	Ethical Hacking	3		
	CIS247 C	Python Programming	3		
	CIS257 C	Cloud Implementation and Security	4		
	Total Units		17 - 18		
Computer Information Systems **Action: MSP**	**System Administration and Technical Support Certificate** This certificate is intended for those individuals who need to gain hands-on practice and competency in Windows and Linux client/server installation and administration and core computer hardware and software configuration, troubleshooting and support. Upon completion of all required courses, students will gain fundamental skills in Windows Active Directory and Linux administration, network management, technical support, help desk, and data center operations. Special emphasis is focused on server management, network infrastructure, IT operations and technical support skills. It will also enhance students' chances to pursue a professional career in network and system administration and technical support and help desk by giving them various options to prepare for industry-recognized certificates. To earn a certificate, complete the required courses as listed with a grade of C or			2021 Fall	Changing the title to what is now a standard in the industry. Program title updated from PC/Network Hardware Support Certificate Add: CIS 190 C, CIS 185 C, CIS 189 C, CIS 191 C, CIS 243 C

<table>
<tr>
<td></td>
<td>better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 16 units.
Required courses are listed in suggested sequence (16 units)
Required courses (10 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS190 C</td><td>IT & Cybersecurity Fundamentals</td><td>4</td></tr>
<tr><td>CIS164 C</td><td>IT Support Services</td><td>3</td></tr>
<tr><td>CIS185 C</td><td>Administering Windows Server</td><td>3</td></tr>
<tr><td colspan="3"></td></tr>
</table>
Select 2 courses from the following list (6 units):
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS189 C</td><td>Administrating Windows Active Directory Services</td><td>3</td></tr>
<tr><td>CIS191 C</td><td>Network Infrastructure Services</td><td>3</td></tr>
<tr><td>CIS243 C</td><td>Linux Server Administration</td><td>3</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="2">Total Units</td><td>16</td></tr>
</table></td>
<td></td>
<td>Remove: CIS 161 C, CIS 162 C, CIS 182 C
Total units from 12 to 16</td>
</tr>
<tr>
<td>Computer Information Systems
Action: MSP</td>
<td>Virtualization and Cloud Computing Certificate
This certificate is intended for those individuals who need to gain hands-on practice and competency in virtualization and cloud computing. Students will learn the necessary knowledge and skills in the evaluation, planning, analysis, design, implementation, deployment, management, and security of virtualized and cloud-based enterprise software, database, platform, storage and infrastructure services. The certificate covers recent trends in virtualization including the current wave of virtualization and cloud technologies from VMware, Microsoft, Amazon, Google and IBM. It will also enhance students' chances to pursue a professional career in virtualization and cloud computing by giving them various options to prepare for industry-recognized certificates. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires a total of 17 units.
Required courses are listed in suggested sequence (17 units)
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>CIS230 C</td><td>Cisco Networking 1</td><td>4</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 Cloud And Virtualization Networking</td><td>3</td></tr>
<tr><td>CIS257 C</td><td>Cloud Implementation and Security</td><td>4</td></tr>
<tr><td>CIS274 C</td><td>IT Project Management</td><td>3</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="2">Total Units</td><td>17</td></tr>
</table></td>
<td>2021 Fall</td>
<td>The program must be updated according to the revision of the courses being included in and the industry needs.
Program title updated from Network Virtualization Certificate
Add: CIS 230 C, CIS 257 C, CIS 274 C
Remove: CIS 185 C, CIS 189 C
Updated title: CIS 202 C
Total units from 12 to 17</td>
</tr>
<tr>
<td>Counseling and Guidance
Action: MSP</td>
<td>CSU General Education (CSU GE Breadth) Certificate of Achievement
This certificate allows the student to complete Certification of General Education Requirements for the California State University (CSU)system. To meet general education requirements and obtain certification, students must complete the pattern of courses in the categories listed. Certification is not automatic. Students must apply for GE certification through the Admissions and Records Office by the published deadline during the semester in which requirements will be completed or thereafter. The course must be on the list when it is taken in order to be certified. Students should refer to the Cypress College CSU GE-Breadth Certification List on www.assist.org to verify that a course was valid when it was taken. A course or sequence of courses used to satisfy a requirement in one area may not be used to satisfy a requirement in another area. Some universities will not allow students to count courses in their major field as part of general education. Students should check with a counselor and review the university catalog for further clarification. In order to earn this certificate, students must complete 39 semester units or 58.5 quarter units.
Note:
CSU/IGETC Certificate of Achievement only confirms completing CSU and/or UC general education requirements and does not meet Associate degree or transfer requirements. Refer to the College Catalog and meet with a Counselor for additional information.

A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING -9 Unit Minimum (Must include a minimum of 3-units from each area).

A1. Oral Communication:
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>COMM100 C</td><td>Human Communication</td><td>3</td></tr>
<tr><td></td><td>or</td><td></td></tr>
<tr><td>COMM100HC</td><td>Honors Human Communication</td><td>3</td></tr>
</table></td>
<td>2020 Fall</td>
<td>Course changes within the certificate.
Annual update to include addition of CSU GE courses based on annual cycle for submission approvals.
Adding 2020-21 GE approvals.
Total units remain the same.</td>
</tr>
</table>

COMM110 C	Mediated Oral Communication	3

A2. Written Communication:

		Units
ENGL100 C	College Writing	4
	or	
ENGL100HC	Honors College Writing	4
ENGL101 C	Enhanced College Writing	5
ESL110 C	College Composition for Non-Native Speakers	5

A3.Critical Thinking:

		Units
COMM135 C	Argument and Critical Thinking	3
COMM138 C	Forensics	1 - 2
COMM238 C	Forensics	1 - 2
ENGL103 C	Critical Reasoning and Writing	4
	or	
ENGL103HC	Honors Critical Reasoning and Writing	4
ENGL104 C	Critical Analysis and Literature	4
	or	
ENGL104HC	Honors Critical Analysis and Literature	4
ENGL106 C	Critical Reading, Writing and Thinking	3
PHIL170 C	Logic and Critical Thinking	3
	or	
PHIL170HC	Honors Logic and Critical Thinking	3
PHIL172 C	Critical Thinking and Writing	3
PHIL175 C	Symbolic Logic	3

B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING - 9 Unit Minimum (must include one course from Physical Science AND one course from Life Science AND one course from Mathematics. One of the science courses must include a corresponding laboratory experience).

B1/B3. Physical Science w/ Lab:

		Units
ASTR116 C	Introduction to Astronomy	3
	and	
ASTR117 C	Astronomy Lab	1
	or	
ASTR116HC	Honors Introduction to Astronomy	3
	and	
ASTR117HC	Honors Astronomy Lab	1
CHEM100 C	Chemistry for Daily Life	4
CHEM101 C	Chemistry for Health Science Majors I	4.5
CHEM104 C	Physical Science for Teachers	4
CHEM107 C	Preparation for General Chemistry	5
CHEM111AC	General Chemistry I	5
CHEM111BC	General Chemistry II	5
CHEM201 C	Chemistry for Health Science Majors II	4.5
GEOG102 C	Physical Geography	3
	and	
GEOG102LC	Physical Geography - Lab	1
GEOL100 C	Physical Geology	3
	and	
GEOL101 C	Physical Geology Laboratory	1
	or	
GEOL100HC	Honors Physical Geology	3
	and	
GEOL101 C	Physical Geology Laboratory	1

	or	
GEOL100 C	Physical Geology	3
	and	
GEOL115 C	Physical Geology Field Lab	1
	or	
GEOL100HC	Honors Physical Geology	3
	and	
GEOL115 C	Physical Geology Field Lab	1
GEOL103 C	Historical Geology	4
GEOL105 C	Earth Science for Teachers	4
GEOL130 C	Introduction to Oceanography	3
	and	
GEOL131 C	Introduction to Oceanography Lab	1
PHSC104 C	Physical Science for Teachers	4
PHYS130 C	Elementary Physics	4
PHYS201 C	College Physics I	4
PHYS202 C	College Physics II	4
PHYS210 C	Physics for Life Sciences I	4
PHYS211 C	Physics for Life Sciences II	4
PHYS221 C	General Physics I	4
PHYS222 C	General Physics II	4
PHYS223 C	General Physics III	4

B2/B3. Life Sciences w/Lab:

		Units
ANTH101 C	Biological Anthropology	3
	and	
ANTH101LC	Biological Anthropology Lab	1
	or	
ANTH101HC	Honors Biological Anthropology	3
	and	
ANTH101LC	Biological Anthropology Lab	1
BIOL101 C	General Biology	4
	or	
BIOL101HC	Honors General Biology	4
BIOL122 C	Marine Biology	4
BIOL174 C	Biology of Cells and Tissues	4
BIOL175 C	Evolution and Biodiversity	4
BIOL210 C	Anatomy and Physiology	5
BIOL231 C	General Human Anatomy	4
BIOL241 C	General Human Physiology	4
BIOL276 C	Ecology and Physiology	4

B1. Physical Sciences w/o Lab:

		Units
ASTR116 C	Introduction to Astronomy	3
	or	
ASTR116HC	Honors Introduction to Astronomy	3
CHEM103 C	Chemistry and Society	3
GEOG102 C	Physical Geography	3
GEOG140 C	Weather and Climate	3
GEOL100 C	Physical Geology	3
	or	
GEOL100HC	Honors Physical Geology	3
GEOL120 C	Geology of California	3
GEOL125 C	Natural Disasters	3
GEOL130 C	Introduction to Oceanography	3
GEOL190 C	Environmental Geology	3

B2. Life Science w/o Lab:

		Units
ANTH101 C	Biological Anthropology	3
	or	
ANTH101HC	Honors Biological Anthropology	3
ANTH210 C	Introduction to Forensic Anthropology	3
BIOL102 C	Human Biology	3
BIOL107 C	Nutrition and World Food Issues	3
BIOL103 C	Environmental Science	3
BIOL277 C	Genetics	3
BIOL278 C	Molecular Biology	4
PSY221 C	The Brain and Behavior	3

B4. Mathematics and Quantitative Reasoning:

		Units
MATH100 C	Liberal Arts Mathematics	3
MATH110 C	Math for Prospective Teachers	4
MATH115 C	Finite Mathematics	4
MATH120 C	Introduction to Probability and Statistics	4
MATH130 C	Survey of Calculus	4
MATH141 C	College Algebra	4
MATH142 C	Trigonometry	4
MATH150AC	Calculus I	4
MATH150BC	Calculus II	4
MATH250AC	Multivariable Calculus	4
MATH250BC	Linear Algebra and Differential Equations	5
PSY161 C	Probability and Statistics-Social Sciences	4
	or	
PSY161HC	Honors Probability and Statistics-Social Sciences	4
	or	
SOC161 C	Probability and Statistics-Social Sciences	4
	or	
SOC161HC	Honors Probability and Statistics-Social Sciences	4

C. ARTS AND HUMANITIES - 9 Unit Minimum (Must include at least one course in the Arts and one course in the Humanities).
C1. Arts (Art, Dance, Music and Theater):

		Units
ART100 C	Fundamentals of Art	3
ART110 C	Introduction to Art	3
ART111 C	Survey of Art History I	3
ART112 C	Survey of Art History II	3
	or	
ART112HC	Honors Survey of Art History II	3
ART114 C	Modern Art History	3
ART116 C	Arts of Africa, Oceania, and Indigenous North America	3
ART120 C	Two-Dimensional Design	3
ART150 C	Ceramics Handbuilding	3
ART151 C	Ceramics Throwing	3
ART182 C	Beginning Drawing	3
ART194 C	Beginning Painting	3
ART216 C	Latin American Art	3
DANC101 C	Multicultural Dance in the US	3
ENGL125 C	The Film	3
	or	
ENGL125HC	Honors Film	3
MAD110 C	Animation History and Technology	3
MAD122 C	History of Graphic Design	3

MAD191 C	Film Noir Genre	3
MAD192 C	Great Directors of Cinema	3
MAD195 C	Science Fiction Film Genre	3
MAD196 C	Silent Film Genre	3
MAD197 C	Western Film Genre	3
MAD198 C	Horror Film Genre	3
MM105 C	Introduction to Media Aesthetics	3
MUS101 C	Music Fundamentals	3
MUS103 C	Theory I	3
MUS113 C	Jazz History	3
MUS114 C	History of Hip Hop-Rap	3
MUS116 C	Music Appreciation	3
MUS117 C	American Popular Music	3
MUS118 C	Introduction to Opera	3
	or	
MUS118HC	Honors Introduction to Opera	3
MUS119 C	History of Rock Music	3
MUS120 C	Survey of Music History	3
MUS127 C	Music in Film	3
PHOT101 C	Introduction to Photography	3
PHOT204 C	History of Photography	3
THEA100 C	Introduction to the Theater	3
THEA102 C	World Theater History I	3
THEA107 C	Diversity in American Theater	3
	or	
THEA107HC	Honors Diversity in American Theater	3
THEA120 C	Acting I	3
THEA121 C	Dynamic Movement for the Stage	2
THEA126 C	Musical Theater Techniques I	3
THEA129 C	Voice and Diction	3
THEA132 C	Musical Theater Performance I	2 - 3
THEA133 C	Rehearsal Performance I	2 - 3
THEA145 C	Fundamentals of Costume Design	3
THEA149 C	Stage Crew I- Running	1 - 2

C2. Humanities (Literature, Philosophy, Foreign Languages):

		Units
ANTH105 C	Introduction to Linguistic Anthropology	3
ANTH107 C	Magic, Witchcraft and Religion	3
CHIN101 C	Elementary Chinese-Mandarin I	5
CHIN102 C	Elementary Chinese-Mandarin II	5
CHIN203 C	Intermediate Chinese-Mandarin III	5
CHIN204 C	Intermediate Chinese-Mandarin IV	4
COMM220 C	The Rhetoric of the City	3
	or	
COMM220HC	Honors Rhetoric of the City	3
ENGL102 C	Introduction to Literature	3
	or	
ENGL102HC	Honors Introduction to Literature	3
ENGL110 C	Humanities: Ancient and Medieval	3
ENGL111 C	Humanities: Renaissance-Present	3
ENGL128 C	Introduction to Short Story Writing	3
ENGL130 C	Introduction to Creative Nonfiction Writing	3
ENGL208 C	Asian American Literature	3
ENGL211 C	English Literature to 1760	3
ENGL212 C	English Literature Since 1760	3
ENGL221 C	American Literature to 1865	3
ENGL222 C	American Literature Since 1865	3

ENGL223 C	World Literature to 1650	3
ENGL224 C	World Literature Since 1650	3
ENGL234 C	Shakespeare	3
	or	
ENGL234HC	Honors Shakespeare	3
ENGL239 C	Survey-Children's Literature	3
ENGL243 C	Mythology	3
ENGL247 C	Multicultural Literature	3
ENGL248 C	Science Fiction	3
ENGL249 C	Fantasy Fiction	3
ENGL250 C	Latino/a/x Literature	3
ENGL255 C	African-American Literature I	3
ENGL256 C	African-American Literature II	3
ENGL260 C	Survey of Arabic Literature (in translation)	3
	or	
ENGL260HC	Honors Survey of Arabic Literature (in translation)	3
ESL108 C	Advanced Academic Reading/Writing 1	5
ESL109 C	Advanced Academic Reading/Writing 2	5
ETHS101 C	American Ethnic Studies	3
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
FREN101 C	Elementary French I	5
FREN102 C	Elementary French II	5
FREN200 C	Conversational French	2
FREN203 C	Intermediate French III	4
FREN204 C	Intermediate French IV	4
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3
	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3

HIST270 C	Women in United States History	3
HIST275 C	History of California	3
INDS100 C	Humanities:Ancient and Medieval	3
INDS101 C	Humanities:Renaissance-Present	3
JAPN101 C	Elementary Japanese I	5
JAPN102 C	Elementary Japanese II	5
JAPN200 C	Conversational Japanese	2
JAPN203 C	Intermediate Japanese III	4
JAPN204 C	Intermediate Japanese IV	4
PHIL100 C	Introduction to Philosophy	3
	or	
PHIL100HC	Honors Introduction to Philosophy	3
PHIL101 C	Introduction to Religious Studies	3
PHIL105 C	World Religions	3
PHIL110 C	Religions of the East	3
PHIL120 C	Religions of the West	3
PHIL135 C	Social and Political Philosophy	3
PHIL160 C	Introduction to Ethics	3
PHIL201 C	History of Ancient Philosophy	3
PHIL202 C	History of Modern Philosophy	3
PHIL230 C	Philosophy of Religion	3
PHIL240 C	Jesus and His Interpreters	3
PORT101 C	Elementary Portuguese I	5
PORT102 C	Elementary Portuguese II	5
SPAN101 C	Elementary Spanish I	5
SPAN102 C	Elementary Spanish II	5
SPAN200 C	Conversational Spanish	2
SPAN201 C	Spanish for Spanish Speakers I	5
SPAN202 C	Spanish for Spanish Speakers II	5
SPAN203 C	Intermediate Spanish III	4
SPAN204 C	Intermediate Spanish IV	4

D. SOCIAL SCIENCES - 9 Unit Minimum (Must take courses in at least two different disciplines. Students strongly encouraged to take classes that double-count for CSU graduation requirements; one from Group A and one from Group B below).

D1. Anthropology and Archaeology:

		Units
ANTH102 C	Cultural Anthropology	3
	or	
ANTH102HC	Honors Cultural Anthropology	3
ANTH103 C	Introduction to Archaeology	3
ANTH104 C	Comparative Cultures	3
ANTH105 C	Introduction to Linguistic Anthropology	3
ANTH106 C	Human Prehistory and Ancient Civilizations	3
ANTH107 C	Magic, Witchcraft and Religion	3
ANTH208 C	Anthropology of Death	3
ANTH121 C	Native North America	3
ANTH212 C	Applied and Practicing Anthropology	3
ANTH225 C	Ancient Cultures of Mexico and Central America	3

D2. Economics:

		Units
ECON100 C	Principles of Economics-Macro	3
	or	
ECON100HC	Honors Principles of Economics-Macro	3
ECON105 C	Principles of Economics-Micro	3
	or	
ECON105HC	Honors Principles of Economics-Micro	3

ECON110 C	Survey of Economics	3
ECON120 C	International Economics	3
ECON260 C	Economic Geography	3
	or	
GEOG260 C	Economic Geography	3

D3. Ethnic Studies:

		Units
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS153 C	Chicana-o and Latina-o Contemporary Issues	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
HS277 C	Cultural Awareness and the Health Care System	3
PSY131 C	Cross-Cultural Psychology	3

D4. Gender Studies:

		Units
HIST270 C	Women in United States History	3
POSC101 C	Gender and American Politics	3
SOC225 C	Sociology of Women	3

D5. Geography:

		Units
ECON260 C	Economic Geography	3
GEOG100 C	World Geography	3
	or	
GEOG100HC	Honors World Geography	3
GEOG130 C	California Geography	3
GEOG160 C	Cultural Geography	3
GEOG260 C	Economic Geography	3

D6. History:

		Units
COUN120 C	The History of Disability in the United States	3
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS160 C	Native American History I	3
ETHS171 C	Asian Pacific American History	3
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3

	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST135 C	History of Africa	3
HIST142 C	History of Latin America I	3
HIST143 C	History of Latin America II	3
HIST151 C	Survey of British History I	3
HIST152 C	Survey of British History II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3
HIST170HC	Honors History of the United States I	3
HIST190 C	History of the Americas I	3
HIST191 C	History of the Americas II	3
HIST270 C	Women in United States History	3
HIST275 C	History of California	3

D7. Interdisciplinary, Social or Behavioral Science:

		Units
COMM105 C	Interpersonal Communication	3
COMM120 C	Intercultural Communication	3
ETHS235 C	American Social Justice Movements	3
HUSR200 C	Introduction to Human Services	3
INDS200 C	Introduction to Global Citizenship Studies	3
INDS201 C	Global Citizenship Issues	3
JOUR110 C	Global Media	3
JOUR118 C	Messages for Electronic Media	3
KIN248 C	Psychology of Sport	3
KIN280 C	Introduction to Public Health	3
	or	
KIN280HC	Honors Introduction to Public Health	3
KIN283 C	Women's Health	3
MGT161 C	Introduction to Business	3

D8. Political Science, Government, and Legal Institutions:

		Units
AJ160 C	Community and the Justice System	3
POSC100 C	United States Government	3
	or	
POSC100HC	Honors United States Government	3
POSC101 C	Gender and American Politics	3
POSC120 C	Political Theory	3
POSC200 C	Introduction to Political Science	3
POSC209 C	Urban Politics	3
POSC210 C	Contemporary Political Issues	3
POSC215 C	Comparative Politics	3

POSC216 C	Politics of the Middle East	3
POSC230 C	International Relations	3

D9. Psychology:

		Units
PSY101 C	Introduction to Psychology	3
	or	
PSY101HC	Honors Introduction to Psychology	3
PSY101 C	Introduction to Psychology	
PSY110 C	Applied Psychology	3
PSY120 C	Human Sexuality	3
PSY131 C	Cross-Cultural Psychology	3
PSY139 C	Developmental Psychology	3
PSY145 C	Child Psychology	3
PSY202 C	Research Methods in Psychology	4
PSY221 C	The Brain and Behavior	3
PSY222 C	Abnormal Psychology	3
PSY251 C	Social Psychology	3
PSY255 C	Psychology of Aging	3

D10. Sociology and Criminology:

		Units
AJ110 C	Introduction to Criminal Justice	3
AJ120 C	Concepts of Criminal Law	3
SOC250 C	Sociology of Aging	3
HUSR292 C	Introduction to Criminology	3
KIN249 C	Sport and United States Society	3
KIN281 C	Health and Social Justice	3
	or	
KIN281HC	Honors Health and Social Justice	3
KIN285 C	Global and Community Health	3
SOC101 C	Introduction to Sociology	3
	or	
SOC101HC	Honors Introduction to Sociology	3
SOC102 C	Social Problems	3
SOC125 C	Sociology Research Methods	3
SOC225 C	Sociology of Women	3
SOC275 C	Marriage and Family	3
SOC277 C	Sociology of Religion	3
SOC280 C	Media, Culture, and Society	3
SOC290 C	Sociology of Contemporary Race and Ethnic Relations	3
SOC292 C	Introduction to Criminology	3

CSU Graduation Requirement in U.S. History, Constitution, & American Ideals:
Note: Double-counting is allowed for these courses in the two groups below (with only one G.E. category).
Group A (U.S. Constitution & Government):

		Units
POSC100 C	United States Government	3
	or	
POSC100HC	Honors United States Government	3
POSC101 C	Gender and American Politics	3

Group B (U.S. History):

		Units
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3

ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS152 C	Chicana-o History II	3
ETHS161 C	Native American History II	3
ETHS160 C	Native American History I	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3
HIST190 C	History of the Americas I	3
HIST191 C	History of the Americas II	3

E. LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT - 3 Unit Minimum

		Units
CIS111 C	Computer Information Systems	3
COMM105 C	Interpersonal Communication	3
COUN105 C	Stress and Anxiety Management	1
COUN139 C	Career Exploration	1
COUN144 C	Women and Careers	2
COUN145 C	Job Readiness and Career Management	2
COUN150 C	Academic and Life Success	3
COUN151 C	Career and Life Planning	3
DANC100 C	Introduction to Dance Appreciation	3
HRC100 C	Nutrition	3
HS161 C	Dying/Death and Grief/Mourning	3
	or	
HSCE161 C	Dying/Death and Grief/Mourning	3
KIN230 C	Introduction to Kinesiology	3
KIN231 C	Elementary School Movement-Kinesiology	3
KIN235 C	First Aid, CPR and Emergencies	3
KIN244 C	Human Performance	3
KIN255 C	Lifeguarding	1
KIN270 C	Nutrition Science and Application	3
	or	
KIN270HC	Honors Nutrition: Science and Application	3
KIN281 C	Health and Social Justice	3
	or	
KIN281HC	Honors Health and Social Justice	3
KIN283 C	Women's Health	3
KIN284 C	Contemporary Personal Health	3
PSY120 C	Human Sexuality	3
PSY145 C	Child Psychology	3
PSY255 C	Psychology of Aging	3
SOC250 C	Sociology of Aging	3

Activity:

		Units
DANC100 C	Introduction to Dance Appreciation	3
DANC102 C	Pilates Mat Work	1
DANC105 C	Ballet I	2
DANC106 C	Ballet II	2
DANC107 C	Modern Dance I	2
DANC108 C	Modern Dance II	2
DANC109 C	Dance Improvisation	2
DANC110 C	Adaptive Dance	1 - 2
DANC111 C	Jazz Dance I	2

DANC112 C	Jazz Dance II	2
DANC113 C	Tap Dance I	1
DANC114 C	Tap Dance II	1
DANC115 C	Hip Hop Dance	1
DANC116 C	Ballet III	2
DANC117 C	Modern Dance III	2
DANC130 C	Afro-Caribbean Dance	1
DANC136 C	Middle Eastern Dance	1
DANC137 C	Latin and Swing Dance	1
DANC205 C	Dance Ensemble	1 - 2
KIN100 C	Adapted Kinesiology Weight Training	0.5 - 1
KIN101 C	Adapted Kinesiology Activity	0.5 - 1
KIN109 C	Spirit Squad	1 - 2
KIN110 C	Surfing	0.5 - 1
KIN111 C	Swimming	0.5 - 1
KIN112 C	Swimming - Intermediate-Advanced	0.5 - 1
KIN114 C	Springboard Diving	0.5 - 1
KIN116 C	Swim for Fitness	0.5 - 1
KIN117 C	Water Aerobics	0.5 - 1
KIN120 C	Kick-Boxing	0.5 - 1
KIN121 C	Self Defense	0.5 - 1
KIN128 C	Yoga-Intermediate	0.5 - 1
KIN129 C	Vinyasa Yoga	0.5 - 1
KIN130 C	Yoga	0.5 - 1
KIN131 C	Restorative Yoga	0.5 - 1
KIN132 C	Hatha Yoga	0.5 - 1
KIN133 C	Cardiovascular Conditioning	0.5 - 1
KIN134 C	Walking for Fitness	0.5 - 1
KIN135 C	Cardio Step	0.5 - 1
KIN136 C	Cardio Step-Intermediate	0.5 - 1
KIN137 C	Mountaineering and Rock Climbing	0.5 - 1
KIN138 C	Body Sculpt	0.5 - 1
KIN139 C	Cardio Blast	0.5 - 1
KIN140 C	Fitness Training	0.5 - 1
KIN151 C	Spinning-Beginning	0.5 - 1
KIN142 C	Power Training	0.5 - 1
KIN143 C	Strength Training	0.5 - 1
KIN144 C	HIIT- High Intensity Interval Training	0.5 - 1
KIN145 C	Boot Camp Workout	0.5 - 1
KIN146 C	Cardio Core	0.5 - 1
KIN147 C	Body Building and Development	0.5 - 1
KIN148 C	Total Body Fitness	0.5 - 1
KIN149 C	Weight Training and Lifting	0.5 - 1
KIN150 C	Trail Hiking	0.5 - 1
KIN152 C	Spinning-Intermediate	0.5 - 1
KIN154 C	Triathlon-Beginning	0.5 - 1
KIN155 C	Triathlon-Intermediate	0.5 - 1
KIN159 C	Fitness Testing with Exercise Prescription	2
KIN160 C	Badminton- Beginning	0.5 - 1
KIN161 C	Badminton- Intermediate	0.5 - 1
KIN162 C	Badminton- Advanced	0.5 - 1
KIN163 C	Table Tennis	0.5 - 1
KIN164 C	Bowling - Beginning	0.5 - 1
KIN165 C	Bowling - Intermediate	0.5 - 1
KIN166 C	Bowling - Advanced	0.5 - 1
KIN167 C	Gymnastics-Tumbling	0.5 - 1
KIN168 C	Tennis - Beginning	0.5 - 1
KIN169 C	Tennis-Intermediate	0.5 - 1

	KIN170 C	Tennis-Advanced	0.5 - 1		
	KIN171 C	Golf-Beginning	0.5 - 1		
	KIN172 C	Golf-Intermediate	0.5 - 1		
	KIN173 C	Golf-Advanced	0.5 - 1		
	KIN174 C	Pickleball-Beginning	0.5 - 1		
	KIN180 C	Futsal-Beginning	0.5 - 1		
	KIN181 C	Futsal-Intermediate	0.5 - 1		
	KIN182 C	Futsal-Advanced	0.5 - 1		
	KIN183 C	Volleyball - Beginning	0.5 - 1		
	KIN184 C	Volleyball - Intermediate	0.5 - 1		
	KIN185 C	Volleyball - Advanced	0.5 - 1		
	KIN186 C	Beach Volleyball - Beginning	0.5 - 1		
	KIN187 C	Beach Volleyball - Intermediate	0.5 - 1		
	KIN188 C	Beach Volleyball - Advanced	0.5 - 1		
	KIN189 C	Basketball - Beginning	0.5 - 1		
	KIN190 C	Basketball - Intermediate	0.5 - 1		
	KIN191 C	Basketball - Advanced	0.5 - 1		
	KIN192 C	Water Polo	0.5 - 1		
	KIN193 C	Soccer	0.5 - 1		
	KIN194 C	Softball	0.5 - 1		
	KIN195 C	Baseball	0.5 - 1		
	KIN197 C	Flag Football	0.5 - 1		
	KIN198 C	Athletic Weight Training	0.5 - 3		
	KIN199 C	Conditioning for Athletes	0.5 - 3		
	KIN202 C	Intercollegiate Baseball	3		
	KIN203 C	Intercollegiate Basketball-Men	1.5 - 3		
	KIN204 C	Intercollegiate Basketball-Women	1.5 - 3		
	KIN205 C	Intercollegiate Beach Volleyball-Women	3		
	KIN206 C	Intercollegiate Golf-Men	3		
	KIN207 C	Intercollegiate Golf-Women	3		
	KIN210 C	Intercollegiate Soccer-Men	3		
	KIN211 C	Intercollegiate Soccer-Women	3		
	KIN212 C	Intercollegiate Softball-Women	3		
	KIN213 C	Intercollegiate Swimming-Men	3		
	KIN214 C	Intercollegiate Swimming-Women	3		
	KIN215 C	Intercollegiate Tennis	3		
	KIN217 C	Intercollegiate Volleyball-Women	3		
	KIN218 C	Intercollegiate Water Polo-Women	3		
	KIN219 C	Intercollegiate Water Polo-Men	3		
	KIN222 C	Intercollegiate Badminton-Women	3		
	Total Units		39		
Counseling and Guidance **Action: MSP**	**Intersegmental General Education Transfer Curriculum (IGETC) Certificate of Achievement** Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Cypress College to a campus in either the California State University or the University of California system without the need, after transfer, to take additional lower division general education courses to satisfy campus general education requirements. However, students approaching readiness for transfer who are unable to complete one or two IGETC courses that are not required for admission to the university may request to complete IGETC after transferring. A course or sequence of courses used to satisfy a requirement in one area may not be used to satisfy a requirement in another area. Transfer students may also fulfill general education requirements that are specific to the school or campus to which they intend to transfer. Completion of IGETC is NOT an admission requirement to CSU or UC. It is NOT advisable for students who are pursuing majors that require extensive lower division preparation, such as engineering, to follow IGETC. Students must apply for IGETC certification in Admissions and Records. All courses must be completed with grades of C or better. Courses must be at least 3 semester or 4 quarter units in order to meet IGETC requirements. Courses			2020 Fall	Course changes within the certificate. Annual update to include addition of IGETC courses based on annual cycle. Adding 2020-21 GE approvals. Total units remain the same.

must be on the college's approved IGETC list at the time the course was completed. Students should confer with their counselor regarding these requirements.

Note:
CSU/IGETC Certificate of Achievement only confirms completing CSU and/or UC general education requirements and does not meet Associate degree or transfer requirements. Refer to the College Catalog and meet with a Counselor for additional information.

AREA 1 – ENGLISH COMMUNICATION
REQUIREMENT: CSU: 3 courses required, one from each group below; UC: 2 courses required, one each from Group A and B.

GROUP A: English Composition, 1 course (3 semester units/4-5 quarter units)

		Units
ENGL100 C	College Writing	4
	or	
ENGL100HC	Honors College Writing	4
ENGL101 C	Enhanced College Writing	5
ESL110 C	College Composition for Non-Native Speakers	5

GROUP B: Critical Thinking / English Composition, 1 course (3 semester/4-5 quarter units)

		Units
COMM135 C	Argument and Critical Thinking	3
ENGL103 C	Critical Reasoning and Writing	4
	or	
ENGL103HC	Honors Critical Reasoning and Writing	4
ENGL104 C	Critical Analysis and Literature	4
	or	
ENGL104HC	Honors Critical Analysis and Literature	4
ENGL106 C	Critical Reading, Writing and Thinking	3
PHIL172 C	Critical Thinking and Writing	3

GROUP C: Oral Communication (CSU requirement only), 1 course (3 semester/4-5 quarter units)

		Units
COMM100 C	Human Communication	3
	or	
COMM100HC	Honors Human Communication	3
COMM110 C	Mediated Oral Communication	3

AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
REQUIREMENT: 1 course (3 semester/4-5 quarter units)

		Units
MATH100 C	Liberal Arts Mathematics	3
MATH115 C	Finite Mathematics	4
MATH120 C	Introduction to Probability and Statistics	4
MATH130 C	Survey of Calculus	4
MATH141 C	College Algebra	4
MATH150AC	Calculus I	4
MATH150BC	Calculus II	4
MATH250AC	Multivariable Calculus	4
MATH250BC	Linear Algebra and Differential Equations	5
PSY161 C	Probability and Statistics-Social Sciences	4
	or	
PSY161HC	Honors Probability and Statistics-Social Sciences	4
	or	
SOC161 C	Probability and Statistics-Social Sciences	4

	or	
SOC161HC	Honors Probability and Statistics-Social Sciences	4

AREA 3 – ARTS & HUMANITIES
REQUIREMENT: At least 3 courses, with at least one from the Arts and one from the Humanities (9 semester or 12-15 quarter units)

A. ARTS:

		Units
ART100 C	Fundamentals of Art	3
ART110 C	Introduction to Art	3
ART111 C	Survey of Art History I	3
ART112 C	Survey of Art History II	3
	or	
ART112HC	Honors Survey of Art History II	3
ART114 C	Modern Art History	3
ART116 C	Arts of Africa, Oceania, and Indigenous North America	3
ART216 C	Latin American Art	3
DANC101 C	Multicultural Dance in the US	3
ENGL125 C	The Film	3
	or	
ENGL125HC	Honors Film	3
MAD110 C	Animation History and Technology	3
MAD122 C	History of Graphic Design	3
MAD191 C	Film Noir Genre	3
MAD192 C	Great Directors of Cinema	3
MAD196 C	Silent Film Genre	3
MAD197 C	Western Film Genre	3
MAD198 C	Horror Film Genre	3
MUS103 C	Theory I	3
MUS113 C	Jazz History	3
MUS114 C	History of Hip Hop-Rap	3
MUS116 C	Music Appreciation	3
MUS117 C	American Popular Music	3
MUS118 C	Introduction to Opera	3
	or	
MUS118HC	Honors Introduction to Opera	3
MUS119 C	History of Rock Music	3
MUS120 C	Survey of Music History	3
PHOT204 C	History of Photography	3
THEA100 C	Introduction to the Theater	3
THEA102 C	World Theater History I	3
THEA107 C	Diversity in American Theater	3
	or	
THEA107HC	Honors Diversity in American Theater	3

B. HUMANITIES:

		Units
ANTH105 C	Introduction to Linguistic Anthropology	3
ANTH107 C	Magic, Witchcraft and Religion	3
CHIN204 C	Intermediate Chinese-Mandarin IV	4
ENGL102 C	Introduction to Literature	3
	or	
ENGL102HC	Honors Introduction to Literature	3
ENGL110 C	Humanities: Ancient and Medieval	3
ENGL111 C	Humanities:Renaissance-Present	3
ENGL208 C	Asian American Literature	3

ENGL211 C	English Literature to 1760	3
ENGL212 C	English Literature Since 1760	3
ENGL221 C	American Literature to 1865	3
ENGL222 C	American Literature Since 1865	3
ENGL223 C	World Literature to 1650	3
ENGL224 C	World Literature Since 1650	3
ENGL234 C	Shakespeare	3
	or	
ENGL234HC	Honors Shakespeare	3
ENGL239 C	Survey-Children's Literature	3
ENGL243 C	Mythology	3
ENGL247 C	Multicultural Literature	3
ENGL249 C	Fantasy Fiction	3
ENGL248 C	Science Fiction	3
ENGL250 C	Latino/a/x Literature	3
ENGL255 C	African-American Literature I	3
ENGL256 C	African-American Literature II	3
ENGL260 C	Survey of Arabic Literature (in translation)	3
ENGL260HC	Honors Survey of Arabic Literature (in translation)	3
ETHS101 C	American Ethnic Studies	3
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
FREN203 C	Intermediate French III	4
FREN204 C	Intermediate French IV	4
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3
	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3

HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3
HIST270 C	Women in United States History	3
HIST275 C	History of California	3
INDS100 C	Humanities:Ancient and Medieval	3
INDS101 C	Humanities:Renaissance-Present	3
JAPN203 C	Intermediate Japanese III	4
JAPN204 C	Intermediate Japanese IV	4
PHIL100 C	Introduction to Philosophy	3
	or	
PHIL100HC	Honors Introduction to Philosophy	3
PHIL101 C	Introduction to Religious Studies	3
PHIL105 C	World Religions	3
PHIL110 C	Religions of the East	3
PHIL120 C	Religions of the West	3
PHIL135 C	Social and Political Philosophy	3
PHIL160 C	Introduction to Ethics	3
PHIL201 C	History of Ancient Philosophy	3
PHIL202 C	History of Modern Philosophy	3
PHIL230 C	Philosophy of Religion	3
PHIL240 C	Jesus and His Interpreters	3
SPAN202 C	Spanish for Spanish Speakers II	5
SPAN203 C	Intermediate Spanish III	4
SPAN204 C	Intermediate Spanish IV	4

AREA 4 – SOCIAL & BEHAVIORAL SCIENCES
REQUIREMENT: At least 3 courses from at least two different disciplines or an interdisciplinary sequence (9 semester/12-15 quarter units)

		Units
AJ110 C	Introduction to Criminal Justice	3
AJ120 C	Concepts of Criminal Law	3
AJ160 C	Community and the Justice System	3
ANTH102 C	Cultural Anthropology	3
	or	
ANTH102HC	Honors Cultural Anthropology	3
ANTH103 C	Introduction to Archaeology	3
ANTH104 C	Comparative Cultures	3
ANTH106 C	Human Prehistory and Ancient Civilizations	3
ANTH107 C	Magic, Witchcraft and Religion	3
ANTH121 C	Native North America	3
ANTH208 C	Anthropology of Death	3
ANTH212 C	Applied and Practicing Anthropology	3
ANTH225 C	Ancient Cultures of Mexico and Central America	3
COMM105 C	Interpersonal Communication	3
COMM120 C	Intercultural Communication	3
ECON100 C	Principles of Economics-Macro	3
	or	
ECON100HC	Honors Principles of Economics-Macro	3
ECON105 C	Principles of Economics-Micro	3
	or	
ECON105HC	Honors Principles of Economics-Micro	3
ECON110 C	Survey of Economics	3
ECON260 C	Economic Geography	3
ETHS101 C	American Ethnic Studies	3

	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS153 C	Chicana-o and Latina-o Contemporary Issues	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
ETHS235 C	American Social Justice Movements	3
GEOG100 C	World Geography	3
	or	
GEOG100HC	Honors World Geography	3
GEOG130 C	California Geography	3
GEOG160 C	Cultural Geography	3
GEOG260 C	Economic Geography	3
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3
	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST135 C	History of Africa	3
HIST143 C	History of Latin America II	3
HIST151 C	Survey of British History I	3
HIST152 C	Survey of British History II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3
HIST190 C	History of the Americas I	3
HIST191 C	History of the Americas II	3
HIST270 C	Women in United States History	3
HIST275 C	History of California	3
SOC250 C	Sociology of Aging	3
PSY255 C	Psychology of Aging	3
HUSR292 C	Introduction to Criminology	3
INDS200 C	Introduction to Global Citizenship Studies	3
INDS201 C	Global Citizenship Issues	3
KIN249 C	Sport and United States Society	3
KIN248 C	Psychology of Sport	3
KIN280 C	Introduction to Public Health	3

	or	
KIN280HC	Honors Introduction to Public Health	3
KIN281 C	Health and Social Justice	3
	or	
KIN281HC	Honors Health and Social Justice	3
KIN283 C	Women's Health	3
KIN285 C	Global and Community Health	3
POSC100 C	United States Government	3
	or	
POSC100HC	Honors United States Government	3
POSC101 C	Gender and American Politics	3
POSC120 C	Political Theory	3
POSC200 C	Introduction to Political Science	3
POSC209 C	Urban Politics	3
POSC210 C	Contemporary Political Issues	3
POSC215 C	Comparative Politics	3
POSC216 C	Politics of the Middle East	3
POSC230 C	International Relations	3
PSY101 C	Introduction to Psychology	3
	or	
PSY101HC	Honors Introduction to Psychology	3
PSY120 C	Human Sexuality	3
PSY131 C	Cross-Cultural Psychology	3
PSY139 C	Developmental Psychology	3
PSY145 C	Child Psychology	3
PSY202 C	Research Methods in Psychology	4
PSY221 C	The Brain and Behavior	3
PSY222 C	Abnormal Psychology	3
PSY251 C	Social Psychology	3
SOC101 C	Introduction to Sociology	3
	or	
SOC101HC	Honors Introduction to Sociology	3
SOC102 C	Social Problems	3
SOC125 C	Sociology Research Methods	3
SOC225 C	Sociology of Women	3
SOC275 C	Marriage and Family	3
SOC277 C	Sociology of Religion	3
SOC280 C	Media, Culture, and Society	3
SOC292 C	Introduction to Criminology	3

AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES REQUIREMENT: At least 2 courses, one from Group A and one from Group B; at least one course must include a laboratory (7-9 semester/9-12 quarter units). Group C is a new area that includes science labs that combine lecture and lab or lab only courses.

GROUP A: PHYSICAL SCIENCES
Physical Sciences w/lab:

		Units
ASTR116 C	Introduction to Astronomy	3
	and	
ASTR117 C	Astronomy Lab	1
	or	
ASTR116HC	Honors Introduction to Astronomy	3
	and	
ASTR117HC	Honors Astronomy Lab	1
CHEM100 C	Chemistry for Daily Life	4
CHEM101 C	Chemistry for Health Science Majors I	4.5
CHEM104 C	Physical Science for Teachers	4

	or	
PHSC104 C	Physical Science for Teachers	4
CHEM107 C	Preparation for General Chemistry	5
CHEM111AC	General Chemistry I	5
CHEM111BC	General Chemistry II	5
GEOG102 C	Physical Geography	3
	and	
GEOG102LC	Physical Geography - Lab	1
GEOG140 C	Weather and Climate	3
GEOL100 C	Physical Geology	3
	and	
GEOL101 C	Physical Geology Laboratory	1
	or	
GEOL100HC	Honors Physical Geology	3
	and	
GEOL101 C	Physical Geology Laboratory	1
	or	
GEOL100 C	Physical Geology	3
	and	
GEOL115 C	Physical Geology Field Lab	1
	or	
GEOL100HC	Honors Physical Geology	3
	and	
GEOL115 C	Physical Geology Field Lab	1
GEOL103 C	Historical Geology	4
GEOL130 C	Introduction to Oceanography	3
	and	
GEOL131 C	Introduction to Oceanography Lab	1
PHYS130 C	Elementary Physics	4
PHYS201 C	College Physics I	4
PHYS202 C	College Physics II	4
PHYS210 C	Physics for Life Sciences I	4
PHYS211 C	Physics for Life Sciences II	4
PHYS221 C	General Physics I	4
PHYS222 C	General Physics II	4
PHYS223 C	General Physics III	4

Physical Sciences w/o lab:

		Units
ASTR116 C	Introduction to Astronomy	3
	or	
ASTR116HC	Honors Introduction to Astronomy	3
CHEM103 C	Chemistry and Society	3
GEOG102 C	Physical Geography	3
GEOG140 C	Weather and Climate	3
GEOL100 C	Physical Geology	3
	or	
GEOL100HC	Honors Physical Geology	3
GEOL120 C	Geology of California	3
GEOL125 C	Natural Disasters	3
GEOL130 C	Introduction to Oceanography	3
GEOL190 C	Environmental Geology	3

GROUP B: BIOLOGICAL SCIENCES
Biological Sciences w/lab:

		Units
ANTH101 C	Biological Anthropology	3
	and	
ANTH101LC	Biological Anthropology Lab	1

	or	
ANTH101HC	Honors Biological Anthropology	3
	and	
ANTH101LC	Biological Anthropology Lab	1
BIOL101 C	General Biology	4
	or	
BIOL101HC	Honors General Biology	4
BIOL122 C	Marine Biology	4
BIOL174 C	Biology of Cells and Tissues	4
BIOL175 C	Evolution and Biodiversity	4
BIOL210 C	Anatomy and Physiology	5
BIOL220 C	Medical Microbiology	4
BIOL231 C	General Human Anatomy	4
BIOL241 C	General Human Physiology	4
BIOL276 C	Ecology and Physiology	4

Biological Sciences w/o lab:

		Units
ANTH101 C	Biological Anthropology	3
	or	
ANTH101HC	Honors Biological Anthropology	3
BIOL102 C	Human Biology	3
BIOL103 C	Environmental Science	3
BIOL107 C	Nutrition and World Food Issues	3
BIOL277 C	Genetics	3
BIOL278 C	Molecular Biology	4
ANTH210 C	Introduction to Forensic Anthropology	3
ANTH212 C	Applied and Practicing Anthropology	3
PSY221 C	The Brain and Behavior	3

GROUP C: PHYSICAL and BIOLOGICAL SCIENCE LABORATORIES
(ALL SCIENCE LABS THAT COMBINE LECTURE AND LAB OR LAB ONLY COURSES):

		Units
ANTH101LC	Biological Anthropology Lab	1
ASTR117 C	Astronomy Lab	1
	or	
ASTR117HC	Honors Astronomy Lab	1
BIOL101 C	General Biology	4
	or	
BIOL101HC	Honors General Biology	4
BIOL122 C	Marine Biology	4
BIOL174 C	Biology of Cells and Tissues	4
BIOL175 C	Evolution and Biodiversity	4
BIOL210 C	Anatomy and Physiology	5
BIOL231 C	General Human Anatomy	4
BIOL241 C	General Human Physiology	4
BIOL276 C	Ecology and Physiology	4
CHEM100 C	Chemistry for Daily Life	4
CHEM101 C	Chemistry for Health Science Majors I	4.5
CHEM107 C	Preparation for General Chemistry	5
CHEM111AC	General Chemistry I	5
CHEM111BC	General Chemistry II	5
CHEM201 C	Chemistry for Health Science Majors II	4.5
GEOG102LC	Physical Geography - Lab	1
GEOL101 C	Physical Geology Laboratory	1
GEOL103 C	Historical Geology	4
GEOL115 C	Physical Geology Field Lab	1

GEOL131 C	Introduction to Oceanography Lab	1
PHYS130 C	Elementary Physics	4
PHYS201 C	College Physics I	4
PHYS202 C	College Physics II	4
PHYS210 C	Physics for Life Sciences I	4
PHYS211 C	Physics for Life Sciences II	4
PHYS221 C	General Physics I	4
PHYS222 C	General Physics II	4
PHYS223 C	General Physics III	4

AREA 6A – LANGUAGE OTHER THAN ENGLISH (LOTE): UC requirement only. For a complete list of additional options that may meet this requirement students can view Cypress' IGETC pattern with a counselor and view it in the current catalog.

Cypress College courses that meet the proficiency level:

		Units
CHIN102 C	Elementary Chinese-Mandarin II	5
CHIN204 C	Intermediate Chinese-Mandarin IV	4
FREN102 C	Elementary French II	5
FREN203 C	Intermediate French III	4
FREN204 C	Intermediate French IV	4
JAPN102 C	Elementary Japanese II	5
PORT102 C	Elementary Portuguese II	5
SPAN102 C	Elementary Spanish II	5
SPAN201 C	Spanish for Spanish Speakers I	5
SPAN202 C	Spanish for Spanish Speakers II	5
SPAN203 C	Intermediate Spanish III	4
SPAN204 C	Intermediate Spanish IV	4

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS
(Not part of IGETC, recommended for those transferring to a CSU, that they be completed prior to transfer.) (6 semester units, one course from Group A and one course from Group B)

Group A (U.S. Constitution & Government):

		Units
POSC100 C	United States Government	3
	or	
POSC100HC	Honors United States Government	3
POSC101 C	Gender and American Politics	3

Group B (U.S. History):

		Units
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS152 C	Chicana-o History II	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3

	HIST190 C	History of the Americas I	3		
	HIST191 C	History of the Americas II	3		
	Total Units		37 - 39		
Counseling and Guidance **Action: MSP**	**Liberal Arts Associate in Arts Degree with an Area of Emphasis in Arts and Humanities** This degree emphasizes the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments. To earn this Associate Degree students must complete: 1)All major course requirements with a grade of C or better; 2)Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; 3) Fulfillment of all graduation requirements, to include local requirements of a minimum of one (1) unit of coursework approved for Physical Activity and Health and three (3) units of coursework approved for Social Justice, Equity and Sustainability 4)any elective courses to complete a minimum of 60 units; and, have a minimum GPA of 2.0. **Complete courses from at least 2 discipline areas:**			2020 Fall	Updating degree with yearly gen ed approvals. Total units remain the same.

		Units
ART100 C	Fundamentals of Art	3
ART110 C	Introduction to Art	3
ART111 C	Survey of Art History I	3
ART112 C	Survey of Art History II	3
	or	
ART112HC	Honors Survey of Art History II	3
ART114 C	Modern Art History	3
ART116 C	Arts of Africa, Oceania, and Indigenous North America	3
ART120 C	Two-Dimensional Design	3
ART123 C	Color Theory	3
ART150 C	Ceramics Handbuilding	3
ART151 C	Ceramics Throwing	3
ART182 C	Beginning Drawing	3
ART194 C	Beginning Painting	3
ART216 C	Latin American Art	3
ANTH105 C	Introduction to Linguistic Anthropology	3
ANTH107 C	Magic, Witchcraft and Religion	3
CHIN101 C	Elementary Chinese-Mandarin I	5
CHIN102 C	Elementary Chinese-Mandarin II	5
CHIN203 C	Intermediate Chinese-Mandarin III	5
CHIN204 C	Intermediate Chinese-Mandarin IV	4
COMM220 C	The Rhetoric of the City	3
COMM220HC	Honors Rhetoric of the City	3
DANC101 C	Multicultural Dance in the US	3
ENGL102 C	Introduction to Literature	3
	or	
ENGL102HC	Honors Introduction to Literature	3
ENGL110 C	Humanities: Ancient and Medieval	3
ENGL111 C	Humanities:Renaissance-Present	3
ENGL125 C	The Film	3
	or	
ENGL125HC	Honors Film	3
ENGL128 C	Introduction to Short Story Writing	3
ENGL130 C	Introduction to Creative Nonfiction Writing	3
ENGL208 C	Asian American Literature	3
ENGL211 C	English Literature to 1760	3
ENGL212 C	English Literature Since 1760	3
ENGL221 C	American Literature to 1865	3
ENGL222 C	American Literature Since 1865	3

ENGL223 C	World Literature to 1650	3
ENGL224 C	World Literature Since 1650	3
ENGL234 C	Shakespeare	3
	or	
ENGL234HC	Honors Shakespeare	3
ENGL239 C	Survey-Children's Literature	3
ENGL243 C	Mythology	3
ENGL247 C	Multicultural Literature	3
ENGL248 C	Science Fiction	3
ENGL249 C	Fantasy Fiction	3
ENGL250 C	Latino/a/x Literature	3
ENGL255 C	African-American Literature I	3
ENGL256 C	African-American Literature II	3
ENGL260 C	Survey of Arabic Literature (in translation)	3
	or	
ENGL260HC	Honors Survey of Arabic Literature (in translation)	3
ESL108 C	Advanced Academic Reading/Writing 1	5
ESL109 C	Advanced Academic Reading/Writing 2	5
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
FREN101 C	Elementary French I	5
FREN102 C	Elementary French II	5
FREN200 C	Conversational French	2
FREN203 C	Intermediate French III	4
FREN204 C	Intermediate French IV	4
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3
	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	

HIST171HC	Honors History of the United States II	3
HIST270 C	Women in United States History	3
HIST275 C	History of California	3
INDS100 C	Humanities:Ancient and Medieval	3
INDS101 C	Humanities:Renaissance-Present	3
JAPN101 C	Elementary Japanese I	5
JAPN102 C	Elementary Japanese II	5
JAPN200 C	Conversational Japanese	2
JAPN203 C	Intermediate Japanese III	4
JAPN204 C	Intermediate Japanese IV	4
MAD110 C	Animation History and Technology	3
MAD122 C	History of Graphic Design	3
MAD191 C	Film Noir Genre	3
MAD192 C	Great Directors of Cinema	3
MAD195 C	Science Fiction Film Genre	3
MAD196 C	Silent Film Genre	3
MAD197 C	Western Film Genre	3
MAD198 C	Horror Film Genre	3
MM105 C	Introduction to Media Aesthetics	3
MUS101 C	Music Fundamentals	3
MUS113 C	Jazz History	3
MUS114 C	History of Hip Hop-Rap	3
MUS116 C	Music Appreciation	3
MUS117 C	American Popular Music	3
MUS118 C	Introduction to Opera	3
	or	
MUS118HC	Honors Introduction to Opera	3
MUS119 C	History of Rock Music	3
MUS120 C	Survey of Music History	3
MUS127 C	Music in Film	3
PHIL100 C	Introduction to Philosophy	3
	or	
PHIL100HC	Honors Introduction to Philosophy	3
PHIL101 C	Introduction to Religious Studies	3
PHIL105 C	World Religions	3
PHIL110 C	Religions of the East	3
PHIL120 C	Religions of the West	3
PHIL135 C	Social and Political Philosophy	3
PHIL160 C	Introduction to Ethics	3
PHIL201 C	History of Ancient Philosophy	3
PHIL202 C	History of Modern Philosophy	3
PHIL230 C	Philosophy of Religion	3
PHIL240 C	Jesus and His Interpreters	3
PHOT101 C	Introduction to Photography	3
PHOT204 C	History of Photography	3
SPAN101 C	Elementary Spanish I	5
SPAN102 C	Elementary Spanish II	5
SPAN200 C	Conversational Spanish	2
SPAN201 C	Spanish for Spanish Speakers I	5
SPAN202 C	Spanish for Spanish Speakers II	5
SPAN203 C	Intermediate Spanish III	4
SPAN204 C	Intermediate Spanish IV	4
THEA100 C	Introduction to the Theater	3
THEA102 C	World Theater History I	3
THEA107 C	Diversity in American Theater	3
	or	
THEA107HC	Honors Diversity in American Theater	3
THEA120 C	Acting I	3

	THEA121 C	Dynamic Movement for the Stage	2		
	THEA126 C	Musical Theater Techniques I	3		
	THEA129 C	Voice and Diction	3		
	THEA132 C	Musical Theater Performance I	2 - 3		
	THEA133 C	Rehearsal Performance I	2 - 3		
	THEA145 C	Fundamentals of Costume Design	3		
	THEA149 C	Stage Crew I- Running	1 - 2		
	Total Units		18		

Counseling and Guidance **Action: MSP**	**Liberal Arts Associate in Arts Degree with an Area of Emphasis in Human Communication** This degree emphasizes the content of communication as well as the form and should provide an understanding of the psychological basis and social significance of communication. Students will be able to assess communication as the process of human symbolic interaction. Students will also develop skills in the areas of reasoning and advocacy, organization, accuracy, reading and listening effectively. Students will be able to integrate important concepts of critical thinking as related to the development of analysis, critical evaluation, to reason inductively and deductively that will enable them to make important decisions regarding their own lives and society at large. To earn this Associate Degree students must complete: 1)All major course requirements with a grade of C or better; 2)Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; 3) Fulfillment of all graduation requirements, to include local requirements of a minimum of one (1) unit of coursework approved for Physical Activity and Health and three (3) units of coursework approved for Social Justice, Equity and Sustainability 4)any elective courses to complete a minimum of 60 units; and, have a minimum GPA of 2.0. **Complete courses from at least 2 discipline areas (18 units):**			2020 Fall	Adding yearly CSU GE and IGETC approvals. Total units remain the same.
		Units			
	COMM100 C	Human Communication	3		
		or			
	COMM100HC	Honors Human Communication	3		
	COMM110 C	Mediated Oral Communication	3		
	COMM135 C	Argument and Critical Thinking	3		
	COMM138 C	Forensics	1 - 2		
	COMM238 C	Forensics	1 - 2		
	ENGL100 C	College Writing	4		
		or			
	ENGL100HC	Honors College Writing	4		
	ENGL101 C	Enhanced College Writing	5		
	ENGL103 C	Critical Reasoning and Writing	4		
		or			
	ENGL103HC	Honors Critical Reasoning and Writing	4		
	ENGL104 C	Critical Analysis and Literature	4		
		or			
	ENGL104HC	Honors Critical Analysis and Literature	4		
	ENGL106 C	Critical Reading, Writing and Thinking	3		
	ESL110 C	College Composition for Non-Native Speakers	5		
	PHIL170 C	Logic and Critical Thinking	3		
		or			
	PHIL170HC	Honors Logic and Critical Thinking	3		
	PHIL172 C	Critical Thinking and Writing	3		
	PHIL175 C	Symbolic Logic	3		
	Total Units		18		

Counseling and Guidance **Action: MSP**	**Liberal Arts Associate in Arts Degree with an Area of Emphasis in Math and Science** This degree emphasizes the natural sciences which examine the physical universe, its life forms, and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as	2020 Fall	Adding yearly general education approvals. Total units remain the same.

investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of the world's civilization. Students will also examine the influence that the acquisition of scientific knowledge has on the developmental of the world's civilizations. To earn this Associate Degree students must complete: 1)All major course requirements with a grade of C or better; 2)Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; 3) Fulfillment of all graduation requirements, to include local requirements of a minimum of one (1) unit of coursework approved for Physical Activity and Health and three (3) units of coursework approved for Social Justice, Equity and Sustainability 4)any elective courses to complete a minimum of 60 units; and, have a minimum GPA of 2.0.

Complete courses from at least 2 discipline areas (18 units):

		Units
ANTH101 C	Biological Anthropology	3
	or	
ANTH101HC	Honors Biological Anthropology	3
ANTH101LC	Biological Anthropology Lab	1
ANTH210 C	Introduction to Forensic Anthropology	3
ASTR116 C	Introduction to Astronomy	3
	or	
ASTR116HC	Honors Introduction to Astronomy	3
ASTR117 C	Astronomy Lab	1
	or	
ASTR117HC	Honors Astronomy Lab	1
BIOL101 C	General Biology	4
	or	
BIOL101HC	Honors General Biology	4
BIOL102 C	Human Biology	3
BIOL103 C	Environmental Science	3
BIOL107 C	Nutrition and World Food Issues	3
BIOL122 C	Marine Biology	4
BIOL174 C	Biology of Cells and Tissues	4
BIOL175 C	Evolution and Biodiversity	4
BIOL210 C	Anatomy and Physiology	5
BIOL220 C	Medical Microbiology	4
BIOL231 C	General Human Anatomy	4
BIOL241 C	General Human Physiology	4
BIOL276 C	Ecology and Physiology	4
BIOL277 C	Genetics	3
BIOL278 C	Molecular Biology	4
CHEM100 C	Chemistry for Daily Life	4
CHEM101 C	Chemistry for Health Science Majors I	4.5
CHEM103 C	Chemistry and Society	3
CHEM107 C	Preparation for General Chemistry	5
CHEM111AC	General Chemistry I	5
CHEM111BC	General Chemistry II	5
CHEM201 C	Chemistry for Health Science Majors II	4.5
GEOG102 C	Physical Geography	3
GEOG102LC	Physical Geography - Lab	1
GEOG140 C	Weather and Climate	3
GEOL100 C	Physical Geology	3
	or	
GEOL100HC	Honors Physical Geology	3
GEOL101 C	Physical Geology Laboratory	1
GEOL103 C	Historical Geology	4
GEOL105 C	Earth Science for Teachers	4
GEOL115 C	Physical Geology Field Lab	1
GEOL120 C	Geology of California	3

	GEOL125 C	Natural Disasters	3		
	GEOL130 C	Introduction to Oceanography	3		
	GEOL131 C	Introduction to Oceanography Lab	1		
	GEOL190 C	Environmental Geology	3		
	MATH100 C	Liberal Arts Mathematics	3		
	MATH110 C	Math for Prospective Teachers	4		
	MATH115 C	Finite Mathematics	4		
	MATH120 C	Introduction to Probability and Statistics	4		
	MATH130 C	Survey of Calculus	4		
	MATH141 C	College Algebra	4		
	MATH142 C	Trigonometry	4		
	MATH150AC	Calculus I	4		
	MATH150BC	Calculus II	4		
	MATH250AC	Multivariable Calculus	4		
	MATH250BC	Linear Algebra and Differential Equations	5		
	PHSC104 C	Physical Science for Teachers	4		
	PHYS130 C	Elementary Physics	4		
	PHYS201 C	College Physics I	4		
	PHYS202 C	College Physics II	4		
	PHYS210 C	Physics for Life Sciences I	4		
	PHYS211 C	Physics for Life Sciences II	4		
	PHYS221 C	General Physics I	4		
	PHYS222 C	General Physics II	4		
	PHYS223 C	General Physics III	4		
	PSY161 C	Probability and Statistics-Social Sciences	4		
		or			
	PSY161HC	Honors Probability and Statistics-Social Sciences	4		
	SOC161 C	Probability and Statistics-Social Sciences	4		
		or			
	SOC161HC	Honors Probability and Statistics-Social Sciences	4		
	Total Units		18		
Counseling and Guidance **Action: MSP**	**Liberal Arts Associate in Arts Degree with an Area of Emphasis in Social and Behavioral Sciences** This degree emphasizes the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate. To earn this Associate Degree students must complete: 1)All major course requirements with a grade of C or better; 2)Cypress College Native General Education requirements; California State University General Education Breadth requirements (CSU GE Breadth) or IGETC General Education requirements; 3) Fulfillment of all graduation requirements, to include local requirements of a minimum of one (1) unit of coursework approved for Physical Activity and Health and three (3) units of coursework approved for Social Justice, Equity and Sustainability 4)any elective courses to complete a minimum of 60 units; and, have a minimum GPA of 2.0. **Complete courses from at least two discipline areas (18 units:**			2020 Fall	Adding yearly general education approvals. Total units remain the same.
			Units		
	AJ110 C	Introduction to Criminal Justice	3		
	AJ120 C	Concepts of Criminal Law	3		
	AJ160 C	Community and the Justice System	3		
	ANTH102 C	Cultural Anthropology	3		
		or			
	ANTH102HC	Honors Cultural Anthropology	3		
	ANTH103 C	Introduction to Archaeology	3		
	ANTH104 C	Comparative Cultures	3		
	ANTH105 C	Introduction to Linguistic Anthropology	3		

ANTH106 C	Human Prehistory and Ancient Civilizations	3
ANTH107 C	Magic, Witchcraft and Religion	3
ANTH121 C	Native North America	3
ANTH208 C	Anthropology of Death	3
ANTH212 C	Applied and Practicing Anthropology	3
ANTH225 C	Ancient Cultures of Mexico and Central America	3
COMM105 C	Interpersonal Communication	3
COMM120 C	Intercultural Communication	3
COUN120 C	The History of Disability in the United States	3
ECON100 C	Principles of Economics-Macro	3
	or	
ECON100HC	Honors Principles of Economics-Macro	3
ECON105 C	Principles of Economics-Micro	3
	or	
ECON105HC	Honors Principles of Economics-Micro	3
ECON110 C	Survey of Economics	3
ECON120 C	International Economics	3
ETHS101 C	American Ethnic Studies	3
	or	
ETHS101HC	Honors American Ethnic Studies	3
ETHS129 C	Introduction to African-American Studies	3
ETHS130 C	African-American History I	3
ETHS131 C	African-American History II	3
ETHS150 C	Introduction to Chicana-o Studies	3
ETHS151 C	Chicana-o History I	3
ETHS152 C	Chicana-o History II	3
ETHS153 C	Chicana-o and Latina-o Contemporary Issues	3
ETHS159 C	Introduction to Native American Studies	3
ETHS160 C	Native American History I	3
ETHS161 C	Native American History II	3
ETHS170 C	Introduction to Asian Pacific American Studies	3
ETHS171 C	Asian Pacific American History	3
ETHS235 C	American Social Justice Movements	3
GEOG100 C	World Geography	3
	or	
GEOG100HC	Honors World Geography	3
GEOG130 C	California Geography	3
GEOG160 C	Cultural Geography	3
GEOG260 C	Economic Geography	3
HIST110 C	Western Civilizations I	3
	or	
HIST110HC	Honors Western Civilizations I	3
HIST111 C	Western Civilizations II	3
	or	
HIST111HC	Honors Western Civilizations II	3
HIST112 C	World Civilizations I	3
	or	
HIST112HC	Honors World Civilizations I	3
HIST113 C	World Civilizations II	3
	or	
HIST113HC	Honors World Civilizations II	3
HIST135 C	History of Africa	3
HIST142 C	History of Latin America I	3
HIST143 C	History of Latin America II	3

HIST151 C	Survey of British History I	3
HIST152 C	Survey of British History II	3
HIST160 C	Asian Civilizations I	3
HIST161 C	Asian Civilizations II	3
HIST163 C	History of Mexico	3
HIST165 C	History of the Middle East	3
HIST170 C	History of the United States I	3
	or	
HIST170HC	Honors History of the United States I	3
HIST171 C	History of the United States II	3
	or	
HIST171HC	Honors History of the United States II	3
HIST190 C	History of the Americas I	3
HIST191 C	History of the Americas II	3
HIST270 C	Women in United States History	3
HS277 C	Cultural Awareness and the Health Care System	3
HIST275 C	History of California	3
HUSR200 C	Introduction to Human Services	3
INDS200 C	Introduction to Global Citizenship Studies	3
INDS201 C	Global Citizenship Issues	3
JOUR110 C	Global Media	3
JOUR118 C	Messages for Electronic Media	3
KIN248 C	Psychology of Sport	3
KIN249 C	Sport and United States Society	3
KIN280 C	Introduction to Public Health	3
	or	
KIN280HC	Honors Introduction to Public Health	3
KIN281 C	Health and Social Justice	3
	or	
KIN281HC	Honors Health and Social Justice	3
KIN283 C	Women's Health	3
KIN285 C	Global and Community Health	3
MGT161 C	Introduction to Business	3
POSC100 C	United States Government	3
	or	
POSC100HC	Honors United States Government	3
POSC101 C	Gender and American Politics	3
POSC120 C	Political Theory	3
POSC200 C	Introduction to Political Science	3
POSC209 C	Urban Politics	3
POSC210 C	Contemporary Political Issues	3
POSC215 C	Comparative Politics	3
POSC216 C	Politics of the Middle East	3
POSC230 C	International Relations	3
PSY101 C	Introduction to Psychology	3
	or	
PSY101HC	Honors Introduction to Psychology	3
PSY110 C	Applied Psychology	3
PSY120 C	Human Sexuality	3
PSY131 C	Cross-Cultural Psychology	3
PSY139 C	Developmental Psychology	3
PSY145 C	Child Psychology	3
PSY202 C	Research Methods in Psychology	4
PSY221 C	The Brain and Behavior	3

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<tr><td>PSY222 C</td><td>Abnormal Psychology</td><td>3</td></tr>
<tr><td>PSY251 C</td><td>Social Psychology</td><td>3</td></tr>
<tr><td>PSY255 C</td><td>Psychology of Aging</td><td>3</td></tr>
<tr><td>SOC101 C</td><td>Introduction to Sociology</td><td>3</td></tr>
<tr><td></td><td colspan="2">or</td></tr>
<tr><td>SOC101HC</td><td>Honors Introduction to Sociology</td><td>3</td></tr>
<tr><td>SOC102 C</td><td>Social Problems</td><td>3</td></tr>
<tr><td>SOC125 C</td><td>Sociology Research Methods</td><td>3</td></tr>
<tr><td>SOC225 C</td><td>Sociology of Women</td><td>3</td></tr>
<tr><td>SOC250 C</td><td>Sociology of Aging</td><td>3</td></tr>
<tr><td>SOC275 C</td><td>Marriage and Family</td><td>3</td></tr>
<tr><td>SOC277 C</td><td>Sociology of Religion</td><td>3</td></tr>
<tr><td>SOC280 C</td><td>Media, Culture, and Society</td><td>3</td></tr>
<tr><td>SOC290 C</td><td>Sociology of Contemporary Race and Ethnic Relations</td><td>3</td></tr>
<tr><td>SOC292 C</td><td>Introduction to Criminology</td><td>3</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="2">Total Units</td><td>18</td></tr>
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<tr>
<td>Photography
Action: MSP</td>
<td>
DIGITAL PHOTOGRAPHY CERTIFICATE
The Digital Photography Certificate is designed to prepare the student for entry-level employment within the Photo Lab/Service Bureau Industry. Students are trained in the use of state-of-the-art printing and processing equipment. To earn a certificate, complete the required courses as listed with a grade of C or better. At least 50% of all course work must be completed at Cypress College. This certificate requires 18.5-19 units.
Required courses are listed in suggested sequence:
<table>
<tr><td></td><td></td><td>Units</td></tr>
<tr><td>PHOT101 C</td><td>Introduction to Photography</td><td>3</td></tr>
<tr><td>PHOT103 C</td><td>Intermediate Photography</td><td>3</td></tr>
<tr><td>PHOT215 C</td><td>Digital Photography</td><td>3</td></tr>
<tr><td>PHOT219 C</td><td>Editorial Photography</td><td>3</td></tr>
<tr><td>PHOT216 C</td><td>Advanced Digital Photography</td><td>3</td></tr>
<tr><td>PHOT227 C</td><td>Retouching and Digital Workflow</td><td>3</td></tr>
<tr><td>PHOT148 C</td><td>Photo Laboratory Studies I</td><td>0.5 - 1</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="2">Total Units</td><td>18.5 - 19</td></tr>
</table>
</td>
<td>2021 Fall</td>
<td>Due to changes in the technical nature of this program, it is necessary to make an adjustment to the variety of courses that make up this certificate. We intend to eliminate courses which incorporate outdated technology and replace them with existing courses which deliver more current applications of our medium. This is not a major overhaul of the program, yet one which is essentially a non-substantial adjustment, maintaining the basic integrity of our certificate.
Remove: PHOT 230 C
Add: PHOT 148 C, PHOT 219 C
Total units from 15 to 18.5-19</td>
</tr>
</table>

Emergency Distance Education Courses for Spring 2021

Action: MSP

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
AC/R	298 C	Air Conditioning and Refrigeration Seminar	Active
AC/R	298FC	Air Cond Program Integration	Active
ACR	020 C	Auto Detail/Car Care - Beginning	Active
ACR	021 C	Advanced Auto Detailing	Active
ACR	050 C	ACR/Special Projects	Active
ACR	101 C	Auto Collision Repair Tech I	Active
ACR	102 C	Auto Collision Repair Tech II	Active
ACR	103 C	Auto Collision Repair Tech III	Active
ACR	104 C	Auto Collision Repair Tech IV	Active
ACR	107 C	Refinishing Technician I	Active
ACR	108 C	Refinishing Tech II	Active
ACR	109 C	Refinishing Technician III	Active
ACR	112 C	Collision Damage Appraisal	Active
ACR	130 C	Electrical Systems and Component Repair	Active
ACR	140 C	Structural Alignment Repair	Active
ACR	160 C	Collision Repair Management	Active
ACR	170 C	Automotive Color Matching	Active
ACR	298 C	Automotive Collision Repair Seminar	Active
ANTH	102HC	Honors Cultural Anthropology	Active
ANTH	231 C	Field Course in Archaeology I	Active
ANTH	232 C	Field Course in Archaeology II	Active
ANTH	298 C	Anthropology Seminar	Active
ANTH	299 C	Anthropology Independent Study	Active
ART	100 C	Fundamentals of Art	Active
ART	114 C	Modern Art History	Active
ART	120 C	Two-Dimensional Design	Active
ART	121 C	Three-Dimensional Design	Active
ART	122 C	Introduction to Digital Art	Active
ART	123 C	Color Theory	Active
ART	130 C	Introduction to Printmaking	Active
ART	131 C	Intermediate Printmaking	Active
ART	146 C	Beginning Sculpture	Active
ART	147 C	Intermediate Sculpture	Active
ART	148 C	Introduction to Crafts	Active
ART	150 C	Ceramics Handbuilding	Active
ART	151 C	Ceramics Throwing	Active
ART	152 C	Technical and Conceptual Ceramics	Active
ART	153 C	Ceramic Studio Exploration	Active
ART	154 C	Ceramic Aesthetics and Finishes	Active
ART	155 C	Art Open Laboratory	Active
ART	161 C	Introduction to Gallery Studies: Exhibition Preparation and Installation Techniques	Active
ART	162 C	Intermediate Gallery Studies: Exhibition Organization and Management Techniques	Active
ART	163 C	Portfolio Development and Professional Practices	Active
ART	166 C	Contemporary Art Studio	Active
ART	167 C	Contemporary Art Studio 2	Active
ART	174 C	Jewelry Design	Active
ART	175 C	Metalsmithing	Active
ART	182 C	Beginning Drawing	Active
ART	183 C	Intermediate Drawing	Active
ART	184 C	Advanced Drawing	Active
ART	185 C	Beginning Life Drawing	Active
ART	186 C	Intermediate Life Drawing	Active
ART	187 C	Advanced Life Drawing	Active
ART	191 C	Life Painting	Active
ART	193 C	Portrait Painting	Active
ART	194 C	Beginning Painting	Active
ART	195 C	Intermediate Painting	Active
ART	196 C	Advanced Painting	Active
ART	197 C	Beginning Watercolor Painting	Active
ART	216 C	Latin American Art	Active
ART	244 C	Illustration	Active
ART	246 C	Advanced Illustration	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
ART	298 C	Art Seminar	Active
ART	299 C	Independent Study	Active
ASTR	117HC	Honors Astronomy Lab	Active
AT	050 C	Auto Tech Special Projects	Active
AT	100 C	Technician Safety	Active
AT	101 C	Survey of the Automobile	Active
AT	104 C	Automotive Technology Repair Laboratory	Active
AT	106 C	Automotive Electrical II	Active
AT	107 C	Automotive Electrical III	Active
AT	110 C	Introduction to Automotive Technology	Active
AT	111 C	Automotive Quick Service	Active
AT	120 C	Auto Engine Repair/Machining	Active
AT	170 C	Clean Air Car Level 1 and 2	Active
AT	171 C	Advanced Clean Air Car Course	Active
AT	195 C	Automotive Service Advisor	Active
AT	200 C	Electronic and Electrical Diagnostics	Active
AT	211 C	Toyota Professional Series I	Active
AT	212 C	Toyota Professional Series II	Active
AT	215 C	ASE Test Prep - Heating and A/C	Active
AT	230 C	Advanced Alignment and Chassis	Active
AT	235 C	ASE Test Prep - Brakes	Active
AT	236 C	ASE Test Prep - Steering/Suspension	Active
AT	245 C	ASE Test Prep - Manual Transmission	Active
AT	246 C	ASE Test Prep-Automatic Transmission	Active
AT	250 C	Advanced Performance and Driveability	Active
AT	255 C	ASE Test Prep - Engine Performance	Active
AT	256 C	ASE Test Prep - Advanced Engine Performance	Active
AT	265 C	ASE Test Prep - Electrical	Active
AT	280 C	Introduction to Alternative Fuels	Active
AT	281 C	Introduction to Electric/Hybrid Vehicles	Active
AT	282 C	Hybrid Vehicle Maintenance	Active
AT	295 C	Automotive Internship	Active
AT	298 C	Automotive Service Seminar	Active
ATC	103 C	Aviation/Travel Open Lab	Active
ATC	189 C	Flight Training Device - Introduction	Active
ATC	190 C	Flight Training-Private Pilot	Active
ATC	193 C	Flight Training-Flight Instructor	Active
ATC	194 C	Flight Training Instrument Rating	Active
ATC	195 C	Flight Training Commercial Pilot	Active
ATC	210 C	Cabin Safety Simulation	Active
ATC	250 C	Turbine Simulator Observation	Active
ATC	255 C	Turbine Simulator Orientation	Active
BIOL	101HC	Honors General Biology	Active
BIOL	125 C	Island Biology	Active
BIOL	299 C	Independent Study for Biology	Active
CHEM	298 C	Chemistry Seminar	Active
CHIN	098 C	Chinese Seminar	Active
CHIN	298 C	Chinese Seminar	Active
CHIN	298AC	Beginning Spoken Chinese	Active
COMM	098 C	Communication Seminar	Active
COMM	100 C	Human Communication	Active
COMM	100HC	Honors Human Communication	Active
COMM	120 C	Intercultural Communication	Active
COMM	124 C	Small Group Communication	Active
COMM	135 C	Argument and Critical Thinking	Active
COMM	220 C	The Rhetoric of the City	Active
COMM	220HC	Honors Rhetoric of the City	Active
COMM	298 C	Communication Studies Seminar	Active
COMM	299 C	Communication Independent Study	Active
COUN	040 C	College Readiness	Active
COUN	077 C	Overcoming Academic Challenges and Completing Goals	Active
COUN	144 C	Women and Careers	Active
COUN	299 C	Counseling - Independent Study	Active
CSCI	242 C	Computer Architecture and Organization	Active
CSCI	252 C	Discrete Structures	Active
CTRP	030 C	CR Beginning Practice Lab	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
CTRP	031 C	CR Intermediate Practice Lab	Active
CTRP	033 C	Internship: Agency Services	Active
CTRP	034 C	Internship: Court Services	Active
CTRP	035 C	CR Advanced Practice Lab	Active
CTRP	036 C	CR High Speed Proficiency Lab	Active
CTRP	037 C	CR Qualifier Lab	Active
CTRP	038 C	Computer Aided Transcription Lab	Active
CTRP	039 C	Internship - Legal Transcription	Active
CTRP	040 C	Beginning Machine Shorthand Theory	Active
CTRP	041 C	Court Reporting Theory Review	Active
CTRP	042 C	Machine Shorthand Speed Building 1	Active
CTRP	043 C	Machine Shorthand Speed Building 2	Active
CTRP	044 C	Machine Shorthand Speed Building 3	Active
CTRP	045 C	Machine Shorthand Speed Building 4	Active
CTRP	046 C	Machine Shorthand Speed Building 5	Active
CTRP	047 C	Machine Shorthand Speed Building 6	Active
CTRP	048 C	Machine Shorthand Speed Building 7	Active
CTRP	049 C	Machine Shorthand Speed Building 8	Active
CTRP	050 C	CSR/RPR Directed Practice	Active
CTRP	051 C	Court/Conference Reporting: Legal	Active
CTRP	052 C	Court/Conference Reporting:Medical	Active
CTRP	053 C	Court/Conference Reporting: Congressional	Active
CTRP	054 C	Two-Four Voice Testimony	Active
CTRP	055 C	Court/Conference Reporting: Jury Charge	Active
CTRP	056 C	Court/Conference Reporting: Jury Charge 2	Active
CTRP	057 C	Machine Shorthand Challenge-160	Active
CTRP	058 C	Machine Shorthand Challenge-180	Active
CTRP	059 C	Machine Shorthand Challenge-200	Active
CTRP	060 C	Machine Shorthand Challenge-220	Active
CTRP	062 C	Notary Public Exam Preparation	Active
CTRP	063 C	Internship: Legal Videography	Active
CTRP	066 C	Machine Transcription-Medical	Active
CTRP	067 C	Basic Vocabulary Development	Active
CTRP	068 C	Advanced Vocabulary Development	Active
CTRP	072 C	Legal Procedures	Active
CTRP	073AC	Spelling for Modern Business	Active
CTRP	073BC	Punctuation for Court Reporting	Active
CTRP	073CC	Formatting, Style and Usage	Active
CTRP	073DC	Proofreading	Active
CTRP	074 C	CSR-RPR-CBC-CCP Exam Preparation	Active
CTRP	075 C	Simulated Courtroom	Active
CTRP	076 C	Court and Deposition Procedures	Active
CTRP	078 C	Internship: Medical Reporting	Active
CTRP	079 C	Internship - CART	Active
CTRP	080 C	Internship: Law Office	Active
CTRP	081 C	Internship - Court Reporting	Active
CTRP	082 C	Computer Aided Transcription: ProCAT	Active
CTRP	083 C	Computer Aided Transcription - Stenograph	Active
CTRP	085 C	Computer Aided Transcription - Dictionary Building	Active
CTRP	086 C	Internship - Proofreading	Active
CTRP	087 C	Internship - Hearing Reporter	Active
CTRP	088 C	Internship - Captioning	Active
CTRP	089 C	Court/Conference Reporting: Literary ll	Active
CTRP	090 C	Court/Conference Reporting: Literary	Active
CTRP	091 C	Advanced Dictionary Build	Active
CTRP	092 C	Realtime Writing Concepts	Active
CTRP	094 C	Expert Testimony-Professional Reporter	Active
CTRP	095 C	Realtime Writing-Professional Reporter	Active
CTRP	096 C	Court and Conference Reporting: Literary lll	Active
CTRP	097 C	Internship - Scoping and Editing	Active
CTRP	098 C	Court Reporting Seminar	Active
CTRP	098AC	Internship: Scoping/Editing	Active
CTRP	098BC	Internship: Agency Services	Active
CTRP	098CC	Internship: Court Services	Active
CTRP	099 C	Court Reporting: Independent Study	Active
DA	016 C	Dental Materials	Active
DA	061 C	Oral Anatomy/Dental Assisting	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
DA	062 C	Preventive Dental Health-Basics	Active
DA	063 C	Chairside Assisting I	Active
DA	065 C	Radiology/Dental Assisting	Active
DA	066 C	Radiology II/Dental Assisting	Active
DA	069 C	Clinical Externship III	Active
DA	099 C	Dental Assisting Independent Study	Active
DANC	102 C	Pilates Mat Work	Active
DANC	105 C	Ballet I	Active
DANC	106 C	Ballet II	Active
DANC	107 C	Modern Dance I	Active
DANC	108 C	Modern Dance II	Active
DANC	109 C	Dance Improvisation	Active
DANC	110 C	Adaptive Dance	Active
DANC	111 C	Jazz Dance I	Active
DANC	112 C	Jazz Dance II	Active
DANC	113 C	Tap Dance I	Active
DANC	114 C	Tap Dance II	Active
DANC	115 C	Hip Hop Dance	Active
DANC	116 C	Ballet III	Active
DANC	117 C	Modern Dance III	Active
DANC	130 C	Afro-Caribbean Dance	Active
DANC	136 C	Middle Eastern Dance	Active
DANC	137 C	Latin and Swing Dance	Active
DANC	140 C	Summer Dance Festival I	Active
DANC	141 C	Performance Class I	Active
DANC	142 C	Performance Class II	Active
DANC	143 C	Performance Class III	Active
DANC	144 C	Performance Class IV	Active
DANC	145 C	Summer Dance Festival II	Active
DANC	147 C	Costume Design for Dance	Active
DANC	149 C	Light Design for Dance	Active
DANC	151 C	Dance and Technology	Active
DANC	202 C	Elements of Choreography	Active
DANC	203 C	Dance Production I	Active
DANC	205 C	Dance Ensemble	Active
DANC	206 C	Dance Production II	Active
DANC	230 C	Dance Teaching Methodologies	Active
DANC	296 C	Dance Open Laboratory	Active
DANC	298 C	Dance Seminar	Active
DANC	299 C	Dance Independent Study	Active
DH	100 C	Introduction to Dental Hygiene	Active
DH	101 C	Dental Anatomy and Morphology	Active
DH	104 C	Oral Health Assessment	Active
DH	106 C	Radiology Technician - Hygienists	Active
DH	109 C	Pre-Clinical Dental Hygiene	Active
DH	110 C	Clinical Dental Hygiene	Active
DH	116 C	Dental Materials - Hygienists	Active
DH	205 C	Oral Embryology and Histology	Active
DH	220 C	Clinical Dental Hygiene	Active
DH	221 C	Clinical Dental Hygiene	Active
DH	240 C	Community Oral Health I	Active
DH	248 C	Medical/Dental Emergencies	Active
DH	250 C	Pharmacology	Active
DH	255 C	Dental Anesthesiology	Active
DH	260 C	Dental Care for Special Needs	Active
DH	275 C	Clinical Dental Hygiene 1A	Active
DH	276 C	Clinical Dental Hygiene 2A	Active
DH	299 C	Dental Hygiene Independent Study	Active
DMS	160 C	Introduction to Sonography	Active
DMS	170 C	Sonography Physics	Active
DMS	172 C	Sonography Externship	Active
DMS	175 C	Abdomen Sonography	Active
DMS	176 C	Pathology and Small Parts	Active
DMS	186 C	Ob/Gyn Sonography	Active
DMS	188 C	Doppler Techniques	Active
DMS	195 C	Carotid & Arterial Sonography	Active
DMS	207 C	Clinical Education I	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
DMS	210 C	Review Seminar	Active
DMS	217 C	Clinical Education II	Active
DMS	227 C	Clinical Training III	Active
DMS	237 C	Clinical Education IV	Active
ECON	298 C	Economics Seminar	Active
ECON	299 C	Economics Independent Study	Active
EDU	200 C	Elementary School Teaching	Active
EDU	225 C	Secondary School Teaching	Active
ENGL	027 C	Basic Study Skills	Active
ENGL	126 C	Introduction to Screenwriting	Active
ENGL	299 C	Language Arts Independnt Study	Active
ENGL	N01 C	Supervised Tutoring: English	Active
ENGR	210 C	Electric Circuits Analysis	Active
ENGT	110 C	Introduction to Engineering	Active
ESL	051 C	Intermediate Pronunciation	Active
ESL	054 C	Intermediate Academic Oral Skills NNS	Active
ESL	064 C	Advanced Academic Oral Skills NNS	Active
ESL	081 C	Low Intermediate Academic Reading/Writing	Active
ESL	098 C	ESL Seminar/Non-Native Speakers	Active
ESL	099 C	Independent Study/Non-Native Speakers	Active
ESL	182 C	Intermediate Academic Reading/Writing	Active
ESL	183 C	High Intermediate Academic Reading/Writing	Active
ESL	184 C	Advanced Academic Reading/Writing 1	Active
ESL	185 C	Advanced Academic Reading/Writing 2	Active
ESL	186 C	College Writing Preparation for Non-Native Speakers	Active
ESL	298 C	English as a Second Language Seminar	Active
ETHS	298 C	Ethnic Studies Seminar	Active
ETHS	299 C	Ethnic Studies Independent Study	Active
FREN	098 C	French Seminar	Active
FREN	200 C	Conversational French	Active
FREN	298 C	French Seminar	Active
FREN	299 C	French Independent Study	Active
GEOG	202 C	Field Geography - Physical	Active
GEOG	260 C	Economic Geography	Active
GEOG	298 C	Geography Seminar	Active
GEOG	299 C	Geography Independent Study	Active
GEOL	100HC	Honors Physical Geology	Active
GEOL	103 C	Historical Geology	Active
GEOL	115 C	Physical Geology Field Lab	Active
GEOL	131 C	Introduction to Oceanography Lab	Active
GEOL	190 C	Environmental Geology	Active
GEOL	192 C	Coastal Oceanography Field Studies	Active
GEOL	298 C	Geology Seminar	Active
HI	299 C	HI Tech Independent Study	Active
HIST	110HC	Honors Western Civilizations I	Active
HIST	111HC	Honors Western Civilizations II	Active
HIST	112HC	Honors World Civilizations I	Active
HIST	113HC	Honors World Civilizations II	Active
HIST	135 C	History of Africa	Active
HIST	151 C	Survey of British History I	Active
HIST	152 C	Survey of British History II	Active
HIST	163 C	History of Mexico	Active
HIST	170HC	Honors History of the United States I	Active
HIST	171HC	Honors History of the United States II	Active
HIST	295 C	Research Methods-Oral History	Active
HIST	298 C	History Seminar	Active
HIST	299 C	History Independent Study	Active
HRC	255 C	American Regional Cuisine	Active
HRC	298 C	Hospitality Seminar	Active
HRC	299 C	Independent Study	Active
HS	030 C	Calculations for Medications	Active
HS	050 C	Preparation for Health Science	Active
HS	066 C	Selected Topics for NURS 297 C	Active
HS	070 C	Health Care Communication	Active
HS	076 C	CPR for Health Care Providers	Active
HS	077 C	CPR Recertification	Active
HS	080 C	Selected Topics in Nursing and Allied Health	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
HS	098 C	Health Science Seminar	Active
HS	098AC	Calculations for Meds	Active
HS	099 C	Health Science Independent Study	Active
HS	165 C	Ethical and Legal Issues	Active
HS	168 C	Patient Care Skills - Open Lab	Active
HS	268 C	Patient Care Skills - Open Lab	Active
HUSR	084 C	Introduction to Behavior Modification	Active
HUSR	210 C	Introductory Fieldwork	Active
HUSR	211 C	Advanced Fieldwork	Active
HUSR	214 C	Case Management/Documentation	Active
HUSR	221 C	Crisis Intervention and Referral	Active
HUSR	222 C	Group Leadership-Group Process	Active
HUSR	223 C	Helping Skills-Human Services	Active
HUSR	224 C	Self-Esteem Strategies	Active
HUSR	270 C	Introduction to Victimology	Active
HUSR	271 C	Society and Victimization	Active
HUSR	281 C	Prevention Strategies	Active
HUSR	291 C	Counseling in Criminal Justice	Active
HUSR	294 C	Careers in Criminal Justice	Active
HUSR	295 C	Cross-Cultural Criminology	Active
HUSR	298 C	Human Services Seminar	Active
INDS	092 C	Work Experience-General	Active
INDS	201 C	Global Citizenship Issues	Active
INDS	298 C	Interdisciplinary Stdies-Semnr	Active
JAPN	098 C	Japanese Seminar	Active
JAPN	100 C	Spoken Japanese for Beginners	Active
JAPN	200 C	Conversational Japanese	Active
JAPN	201 C	Study of Kanji	Active
JAPN	298 C	Japanese Seminar	Active
JAPN	299 C	Japanese Independent Study	Active
JOUR	227 C	Student Media Practicum III	Active
JOUR	230 C	Video for Photographers	Active
KIN	100 C	Adapted Kinesiology Weight Training	Active
KIN	101 C	Adapted Kinesiology Activity	Active
KIN	106 C	Electronic Sports-Beginning	Active
KIN	107 C	Electronic Sports-Intermediate	Active
KIN	108 C	Electronic Sports-Advanced	Active
KIN	109 C	Spirit Squad	Active
KIN	110 C	Surfing	Active
KIN	111 C	Swimming	Active
KIN	112 C	Swimming - Intermediate-Advanced	Active
KIN	114 C	Springboard Diving	Active
KIN	115 C	Springboard Diving-Intermediate-Advanced	Active
KIN	116 C	Swim for Fitness	Active
KIN	117 C	Water Aerobics	Active
KIN	120 C	Kick-Boxing	Active
KIN	121 C	Self Defense	Active
KIN	135 C	Cardio Step	Active
KIN	136 C	Cardio Step-Intermediate	Active
KIN	137 C	Mountaineering and Rock Climbing	Active
KIN	139 C	Cardio Blast	Active
KIN	142 C	Power Training	Active
KIN	143 C	Strength Training	Active
KIN	147 C	Body Building and Development	Active
KIN	149 C	Weight Training and Lifting	Active
KIN	150 C	Trail Hiking	Active
KIN	151 C	Spinning-Beginning	Active
KIN	152 C	Spinning-Intermediate	Active
KIN	153 C	Spinning-Advanced	Active
KIN	154 C	Triathlon-Beginning	Active
KIN	155 C	Triathlon-Intermediate	Active
KIN	159 C	Fitness Testing with Exercise Prescription	Active
KIN	160 C	Badminton- Beginning	Active
KIN	161 C	Badminton- Intermediate	Active
KIN	162 C	Badminton- Advanced	Active
KIN	163 C	Table Tennis	Active
KIN	164 C	Bowling - Beginning	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
KIN	165 C	Bowling - Intermediate	Active
KIN	166 C	Bowling - Advanced	Active
KIN	167 C	Gymnastics-Tumbling	Active
KIN	168 C	Tennis - Beginning	Active
KIN	169 C	Tennis-Intermediate	Active
KIN	170 C	Tennis-Advanced	Active
KIN	171 C	Golf-Beginning	Active
KIN	172 C	Golf-Intermediate	Active
KIN	173 C	Golf-Advanced	Active
KIN	174 C	Pickleball-Beginning	Active
KIN	175 C	Pickleball-Intermediate	Active
KIN	176 C	Pickleball-Advanced	Active
KIN	180 C	Futsal-Beginning	Active
KIN	181 C	Futsal-Intermediate	Active
KIN	182 C	Futsal-Advanced	Active
KIN	183 C	Volleyball - Beginning	Active
KIN	184 C	Volleyball - Intermediate	Active
KIN	185 C	Volleyball - Advanced	Active
KIN	186 C	Beach Volleyball - Beginning	Active
KIN	187 C	Beach Volleyball - Intermediate	Active
KIN	188 C	Beach Volleyball - Advanced	Active
KIN	189 C	Basketball - Beginning	Active
KIN	190 C	Basketball - Intermediate	Active
KIN	191 C	Basketball - Advanced	Active
KIN	192 C	Water Polo	Active
KIN	193 C	Soccer	Active
KIN	194 C	Softball	Active
KIN	195 C	Baseball	Active
KIN	197 C	Flag Football	Active
KIN	199 C	Conditioning for Athletes	Active
KIN	202 C	Intercollegiate Baseball	Active
KIN	203 C	Intercollegiate Basketball-Men	Active
KIN	204 C	Intercollegiate Basketball-Women	Active
KIN	205 C	Intercollegiate Beach Volleyball-Women	Active
KIN	206 C	Intercollegiate Golf-Men	Active
KIN	207 C	Intercollegiate Golf-Women	Active
KIN	210 C	Intercollegiate Soccer-Men	Active
KIN	211 C	Intercollegiate Soccer-Women	Active
KIN	212 C	Intercollegiate Softball-Women	Active
KIN	213 C	Intercollegiate Swimming-Men	Active
KIN	214 C	Intercollegiate Swimming-Women	Active
KIN	215 C	Intercollegiate Tennis	Active
KIN	217 C	Intercollegiate Volleyball-Women	Active
KIN	218 C	Intercollegiate Water Polo-Women	Active
KIN	219 C	Intercollegiate Water Polo-Men	Active
KIN	222 C	Intercollegiate Badminton-Women	Active
KIN	236 C	Athletic Injuries-Prevention and Care	Active
KIN	240 C	Sports Officiating	Active
KIN	255 C	Lifeguarding	Active
KIN	256 C	Water Safety Instruction	Active
KIN	298 C	Kinesiology Seminar	Active
KIN	299 C	Kinesiology - Independent Study	Active
MAD	100 C	Introduction to Media Arts Design-Mac	Active
MAD	101 C	Introduction to Media Arts Design-Win	Active
MAD	102 C	Introduction to WEB Design	Active
MAD	104 C	Introduction to 3D Graphics-Mac	Active
MAD	105 C	Introduction to 3D Graphics-Win	Active
MAD	106 C	Social Media Vlog Production	Active
MAD	107 C	Motion Graphics I	Active
MAD	108 C	Digital Video Production I-Win	Active
MAD	109 C	Digital Video Production I-Mac	Active
MAD	112 C	Electronic Illustration-Mac	Active
MAD	113 C	Electronic Illustration-Win	Active
MAD	114 C	Electronic Illustration II-Mac	Active
MAD	115 C	Electronic Illustration II-Win	Active
MAD	116 C	Graphic Design I	Active
MAD	117 C	Graphic Design II	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
MAD	118 C	Graphic Design III	Active
MAD	120 C	3D Modeling-Mac	Active
MAD	121 C	3D Modeling-Win	Active
MAD	132 C	Electronic Paint-Mac	Active
MAD	133 C	Electronic Paint-Win	Active
MAD	134 C	Digital Imaging-Mac	Active
MAD	135 C	Digital Imaging-Win	Active
MAD	136 C	Digital Imaging II-Mac	Active
MAD	137 C	Digital Imaging II-Win	Active
MAD	150 C	Intermediate Animation-Mac	Active
MAD	151 C	Intermediate Animation-Win	Active
MAD	156 C	Advanced Animation-Mac	Active
MAD	157 C	Advanced Animation-Win	Active
MAD	180 C	Video Editing-Mac	Active
MAD	181 C	Video Editing-Win	Active
MAD	184 C	Digital Video Explorations	Active
MAD	186 C	Live Event Video and Audio Production	Active
MAD	187 C	Motion Graphics II	Active
MAD	188 C	Beginning Single Camera Prod	Active
MAD	190 C	Contemporary Art Studio	Active
MAD	194 C	Beginning Motion Picture Prod	Active
MAD	199 C	Computer Graphics Studio	Active
MAD	201 C	3D Typography for Media Design	Active
MAD	207 C	Projection Mapping for Live Entertainment	Active
MAD	210 C	3D Storyboarding and Layout	Active
MAD	295 C	Media Arts Design Internship	Active
MAD	298 C	MAD Seminar	Active
MATH	010 C	Basic Mathematics	Active
MATH	098 C	Mathematics Seminar	Active
MATH	250AC	Multivariable Calculus	Active
MATH	250BC	Linear Algebra and Differential Equations	Active
MATH	298 C	Mathematics Seminar	Active
MATH	299 C	Mathematics Independent Study	Active
MGT	199 C	Management Independent Study	Active
MGT	295 C	Management Internship	Active
MKT	299 C	Merchandising and MKT-Independent Study	Active
MORT	085 C	Work Experience	Active
MORT	153 C	Funeral Service Pathology I	Active
MORT	182 C	Embalming Theory and Practice	Active
MORT	242 C	Embalming Application	Active
MORT	253 C	Funeral Service Pathology II	Active
MUS	102 C	Music Reading	Active
MUS	103 C	Theory I	Active
MUS	104 C	Musicianship I	Active
MUS	105 C	Theory II	Active
MUS	106 C	Musicianship II	Active
MUS	108 C	Introduction to Music Technology	Active
MUS	124 C	Recording Studio I	Active
MUS	131 C	Electric Bass	Active
MUS	143 C	Beginning Strings	Active
MUS	146 C	Woodwind Class	Active
MUS	152 C	Percussion Class	Active
MUS	156 C	Jazz Improvization - Instrumental	Active
MUS	157 C	Jazz Improvisation - Vocal	Active
MUS	175 C	Swing Band	Active
MUS	176 C	Popular Songwriting	Active
MUS	177 C	Songwriting Workshop	Active
MUS	178 C	Digital Music Technology	Active
MUS	203 C	Theory III	Active
MUS	204 C	Musicianship III	Active
MUS	205 C	Theory IV	Active
MUS	206 C	Musicianship IV	Active
MUS	222 C	Audio Production for Film I	Active
MUS	223 C	Audio Production for Film II	Active
MUS	225 C	Applied Music	Active
MUS	229 C	Vocal Repertoire	Active
MUS	235 C	Commercial Guitar and Bass	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
MUS	238 C	Popular Piano	Active
MUS	260 C	Classical Guitar Ensemble	Active
MUS	261 C	String Ensemble	Active
MUS	273 C	Concert Band	Active
MUS	276 C	Jazz Band	Active
MUS	280 C	Jazz/Musical Theater Choir	Active
MUS	281 C	Concert Choir	Active
MUS	282 C	Cypress Masterworks Chorale	Active
MUS	283 C	Cypress Singers	Active
MUS	285 C	Chamber Singers	Active
MUS	287 C	Vocal Jazz Ensemble	Active
MUS	295 C	Music Internship	Active
MUS	298DC	Electronic Music 1	Active
MUS	298FC	Brass Seminar	Active
MUS	299 C	Music - Independent Study	Active
MUSA	104 C	Introduction to Concert Hour	Active
MUSA	105 C	Beginning Concert Hour	Active
MUSA	106 C	Intermediate Concert Hour	Active
MUSA	107 C	Advanced Concert Hour	Active
MUSA	111 C	Beginning Voice	Active
MUSA	112 C	Intermediate Voice I	Active
MUSA	113 C	Pop-Commercial Music Theory I	Active
MUSA	114 C	Pop-Commercial Musicianship I	Active
MUsa	116 C	Pop-Commercial Piano Style and Technique I	New
MUSA	120 C	Beginning Guitar	Active
MUSA	121 C	Intermediate Guitar	Active
MUSA	125 C	Pop-Commercial Drumset Style and Technique I	Active
MUSA	130 C	Introduction to Piano for Non-Majors	Active
MUSA	131 C	Keyboard Skills I	Active
MUSA	132 C	Keyboard Skills II	Active
MUSA	140 C	Music Notation Software I	Active
MUSA	141 C	Electronic Music Production I	Active
MUSA	143 C	Recording Studio Techniques I	Active
MUSA	145 C	Audio Production for Gaming I	Active
MUSA	147 C	Pop-Commercial Vocal Style and Technique I	Active
MUSA	152 C	Pop-Commercial Brass Style and Technique I	Active
MUSA	155 C	Pop-Commercial Music Ensemble	Active
MUSA	210 C	Advanced Voice	Active
MUSA	213 C	Pop-Commercial Music Theory II	Active
MUSA	214 C	Pop-Commercial Musicianship II	Active
MUSA	216 C	Pop-Commercial Piano Style and Technique II	Active
MUSA	221 C	Classical Guitar	Active
MUSA	222 C	Pop-Commercial Guitar Style and Technique I	Active
MUSA	223 C	Pop-Commercial Guitar Style and Technique II	Active
MUSA	225 C	Pop-Commercial Drumset Style and Technique II	Active
MUSA	231 C	Keyboard Skills III	Active
MUSA	232 C	Keyboard Skills IV	Active
MUSA	241 C	Electronic Music Production II	Active
MUSA	243 C	Recording Studio Techniques II	Active
MUSA	245 C	Audio Production for Gaming II	Active
MUSA	247 C	Pop-Commercial Vocal Style and Technique II	Active
MUSA	252 C	Pop-Commercial Brass Style and Technique II	Active
NURS	081 C	Selected Topics in Nursing I	Active
NURS	082 C	Selected Topics in Nursing II	Active
NURS	083 C	Selected Topics in Nursing III	Active
NURS	090 C	Nursing Transitions	Active
NURS	091 C	Strategies-Success in Nursing	Active
NURS	099 C	Nursing Independent Study	Active
NURS	103 C	Basic Health Assessment	Active
NURS	107 C	Pain Management for Nurses	Active
NURS	108 C	Orthopaedic Patient Care	Active
NURS	191 C	Pharmacology in Nursing I	Active
NURS	192 C	Fundamentals of Nursing	Active
NURS	193 C	Introduction to Medical-Surgical/Gero Nursing	Active
NURS	209 C	Advanced RN Practicum and Career Development	Active
NURS	293 C	Mental Health Nursing	Active
NURS	294 C	Geriatric Nursing	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
NURS	296 C	Child/Family Nursing	Active
OFF	020 C	Machine Transcription-Medical	Active
OFF	049 C	Computerized Office Procedures	Active
PHIL	100HC	Honors Introduction to Philosophy	Active
PHIL	120 C	Religions of the West	Active
PHIL	170HC	Honors Logic and Critical Thinking	Active
PHIL	172 C	Critical Thinking and Writing	Active
PHIL	175 C	Symbolic Logic	Active
PHIL	230 C	Philosophy of Religion	Active
PHIL	240 C	Jesus and His Interpreters	Active
PHIL	298 C	Philosophy Seminar	Active
PHIL	299 C	Philosophy Independent Study	Active
PHOT	050 C	Photography Special Projects	Active
PHOT	101 C	Introduction to Photography	Active
PHOT	103 C	Intermediate Photography	Active
PHOT	104 C	Wedding and Event Photography	Active
PHOT	106 C	Advanced Wedding Photography	Active
PHOT	109 C	Portrait Photography	Active
PHOT	118 C	Available Light Photography	Active
PHOT	148 C	Photo Laboratory Studies I	Active
PHOT	149 C	Photo Laboratory Studies II	Active
PHOT	150 C	Photo Laboratory Studies III	Active
PHOT	202 C	Contemporary Photography	Active
PHOT	203 C	Studio Lighting Techniques	Active
PHOT	206 C	Studio Practices	Active
PHOT	216 C	Advanced Digital Photography	Active
PHOT	219 C	Editorial Photography	Active
PHOT	220 C	Alternative Photo Processes I	Active
PHOT	221 C	Alternative Photo Processes II	Active
PHOT	222 C	Alternative Photo Processes III	Active
PHOT	223 C	Alternative Photo Processes IV	Active
PHOT	227 C	Retouching and Digital Workflow	Active
PHOT	230 C	Advanced Retouching and Digital Workflow	Active
PHOT	235 C	Drone Photography and Video	Active
PHOT	236 C	UAV Flight Lab - Photography	Active
PHOT	277 C	Food Photography	Active
PHOT	298 C	Photography Seminar	Active
PHOT	298AC	Gallery/Portfolio Design	Active
PHOT	298FC	Master Printing/Image Control	Active
PHOT	299 C	Independent Study	Active
PHSC	196 C	Field Studies in Physical Science	Active
PHSC	299 C	Physical Sciences Independent Study	Active
PHYS	201 C	College Physics I	Active
PHYS	202 C	College Physics II	Active
PHYS	210 C	Physics for Life Sciences I	Active
PHYS	211 C	Physics for Life Sciences II	Active
PHYS	221 C	General Physics I	Active
PHYS	222 C	General Physics II	Active
PHYS	223 C	General Physics III	Active
POSC	100HC	Honors United States Government	Active
POSC	216 C	Politics of the Middle East	Active
POSC	230 C	International Relations	Active
POSC	298 C	Political Science Seminar	Active
POSC	299 C	Political Science Independent Study	Active
PSY	101HC	Honors Introduction to Psychology	Active
PSY	298 C	Psychology Seminar	Active
PSY	299 C	Psychology Independent Study	Active
PT	080 C	Selected Topics/Psychiatric Technology	Active
PT	085 C	Psychiatric Technician-Work Experience	Active
PT	125 C	Developmental Disabilities II	Active
RADT	142 C	Radiologic Electronics	Active
RADT	146 C	Introduction to Radiography	Active
RADT	148 C	Radiology Imaging Techniques	Active
RADT	150 C	Radiographic Positioning I	Active
RADT	153 C	Radiography Patient Care	Active
RADT	162 C	Radiology Special Procedures	Active
RADT	196 C	Selected Topics I	Active

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	STATUS
RADT	197 C	Selected Topics II	Active
RADT	198 C	Selected Topics III	Active
RADT	247 C	Radiographic Positioning II	Active
RADT	251 C	Radiology Externship	Active
RADT	252 C	Radiobiology	Active
RADT	253 C	Radiation Laws and Ethics	Active
RADT	254 C	Clinical Internship I	Active
RADT	255 C	Clinical Internship II	Active
RADT	256 C	Clinical Internship III	Active
RADT	260 C	Fluoroscopy Permit Course	Active
RADT	262 C	Cross-Sectional Imaging	Active
RADT	299 C	Imaging Independent Study	Active
REC	298 C	Recreation Seminar	Active
SOC	101HC	Honors Introduction to Sociology	Active
SOC	125 C	Sociology Research Methods	Active
SOC	225 C	Sociology of Women	Active
SOC	298 C	Sociology Seminar	Active
SOC	299 C	Sociology Independent Study	Active
SOSC	295 C	Research Methods-Oral History	Active
SOSC	298 C	Social Sciences Seminar	Active
SOSC	299 C	Social Science - Independent Study	Active
SPAN	098 C	Spanish Seminar	Active
SPAN	200 C	Conversational Spanish	Active
SPAN	298 C	Spanish Seminar	Active
SPAN	299 C	Spanish Independent Study	Active
THEA	120 C	Acting I	Active
THEA	121 C	Dynamic Movement for the Stage	Active
THEA	124 C	Acting II	Active
THEA	125 C	Acting III	Active
THEA	126 C	Musical Theater Techniques I	Active
THEA	127 C	Musical Theater Techniques II	Active
THEA	128 C	Acting for the Camera	Active
THEA	130 C	Acting Workshop	Active
THEA	132 C	Musical Theater Performance I	Active
THEA	133 C	Rehearsal Performance I	Active
THEA	134 C	Auditions for Theater/Film	Active
THEA	135 C	Musical Theater Performance II	Active
THEA	136 C	Rehearsal Performance II	Active
THEA	137 C	Summer Musical Theater Workshop I	Active
THEA	138 C	Summer Musical Theater Workshop II	Active
THEA	141 C	Video and Projection Design for Theatre	Active
THEA	142 C	Theater Sound and Recording	Active
THEA	143 C	Stagecraft	Active
THEA	146 C	Scene Painting	Active
THEA	148 C	Production Techniques I	Active
THEA	149 C	Stage Crew I- Running	Active
THEA	150 C	Stage Crew II-Production Preparation	Active
THEA	151 C	Stage Crew III- Costume-Makeup	Active
THEA	152 C	Stage Crew IV- House-Box Office	Active
THEA	155 C	Production Techniques II	Active
THEA	156 C	Production Techniques III	Active
THEA	160 C	Computer Drafting for Theatre	Active
THEA	220 C	Acting IV	Active
THEA	225 C	Directing for the Theater	Active
THEA	226 C	Musical Theater Techniques III	Active
THEA	227 C	Musical Theater Techniques IV	Active
THEA	228 C	Advanced Acting for the Camera	Active
THEA	230 C	Directing Actors for Film and TV	Active
THEA	232 C	Musical Theater Performance lll	Active
THEA	233 C	Musical Theater Performance IV	Active
THEA	234 C	Rehearsal Performance III	Active
THEA	235 C	Experimental Theater	Active
THEA	236 C	Summer Theater Workshop I	Active
THEA	237 C	Summer Theater Workshop II	Active
THEA	238 C	Rehearsal Performance IV	Active
THEA	299 C	Theater Arts-Independent Study	Active

Meeting Adjourned: 4:54 p.m.