CRAFTON HILLS COLLEGE
CURRICULUM COMMITTEE
MINUTES
March 23, 2020
Online Meeting

VOTING MEMBERS:
   Note: ✓ If Present

Gwen DiPonio (Co-Chair)✓	Catherine Hendrickson
Kim Salt (Co-Chair)✓	Rick Hogrefe
Debbie Bogh	Frank Madrid✓
Kristen Clements✓	Nicholas Morris
Troy Dial ✓	Shohreh Rahbarnia✓
Laurie Green	Joshua Robles✓

NON-VOTING MEMBERS:
   Note: ✓If Present

Joe Cabrales	Reyna Uribe
Kirsten Colvey	Kay Weiss
Kristin Flores	Dan Word
Kristina Heilgeist ✓	Keith Wurtz✓
Elizabeth Lopez	
Van Muse	

Visitor:

Melissa Huynh
Sam Truong

1. Approval of Minutes for March 9, 2020

   The minutes were approved.

2. Action Items

   COURSE MODIFICATIONS

   A. BUSAD 039 Foundations for Successful Employment

   The committee approved BUSAD 039 as a six-year revision. The vote was amended with corrections. Under Need for the Course, the word "business" was added in front of education in the second paragraph, first sentence.

   - **New Title:** Introduction to a Business Career

- **New Catalog Description:** The purpose of this course is to provide students with a foundation in your personal academic and career planning process within business. The course will assist students in developing an understanding and ability to articulate beginning college students and becoming business professionals through personal assessment activities. The focus will be on providing students with tools and strategies for reflection, planning, and goal-setting for a career in business.
- **New Schedule Description:** The purpose of this course is to provide students with a foundation in your personal academic and career planning process within business. The course will assist students in developing an understanding and ability to articulate beginning college students and becoming business professionals through personal assessment activities. The focus will be on providing students with tools and strategies for reflection, planning, and goal-setting for a career in business.

    Note: The course is equated with BUSAD 039 at SBVC.

B. GEOG 120 World Regional Geography

    The committee approved GEOG 120 as a six-year revision.

    Note: The course is equated with GEOG 120 at SBVC.

C. GEOG 126 Geography of California

    The committee approved GEOG 126 as a six-year revision.

    Note: The course is equated with GEOG 126 at SBVC.

D. GEOL 160 Geology Laboratory

    The committee approved GEOL 160 as a six-year revision. The prerequisite of GEOL 101 or GEOL 101H was also approved.

    Note: The course is equated with GEOL 160 at SBVC.

E. MUSIC 120 Appreciation of Musical Literature

    The committee approved MUSIC 120 as a six-year revision. The distance education component was also approved (100% online).

    Note: The course is equated with MUSIC 121 at SBVC.

F. MUSIC 120H Appreciation of Musical Literature – Honors

    The committee approved MUSIC 120H as a six-year revision. The prerequisite of Acceptance into the College Honors Institute was approved as well as the distance education component (100% online).

    Note: The course is equated with MUSIC 121H at SBVC.

G. MUSIC 134 Jazz History

The committee approved MUSIC 134 as a six-year revision. The distance education component was also approved (100% online).

Note: The course is not equated with SBVC. SBVC stopped offering the course in 1994.

NEW COURSES

H. CSCI 112 Programming Fundamentals: Python

The Python programming language has now become one of the top ten popular programming languages rivaling the Java and C++ programming languages. Not only do many universities now teach introduction to programming fundamentals in Python but the programming language has many attractive features making it the primary language in fields such as cyber security and data science.

The committee approved CSCI 112 with a prerequisite of MATH 102 or higher as a new course. The distance education component was also approved (hybrid and 100% online). The following corrections were made to the prerequisite and departmental recommendation; textbooks will need to be updated for articulation.

- **Discipline:** Computer Science
- **Department:** Multimedia, Information Technology, and Noncredit
- **Course ID:** CSCI 112
- **Prerequisite:** MATH 102 or higher
- **Corequisite:** None
- **Departmental Recommendation:** Successful completion of CIS 101
- **Semester Units:** 3
- **Minimum Semester Hours**
  Lecture: 48
- **Catalog Description:** This course covers programming fundamentals using the Python programming language. Python is interpreted, interactive, and object-oriented. Recommended for general-purpose programming, system administration, or web programming. Topics include classes, objects, inheritance, polymorphism, design and implementation of abstract data types, dictionaries, lists, list comprehensions, files, modules, and mutable and immutable types
- **Schedule Description:** This course covers programming fundamentals using the Python programming language. Topics include classes, objects, inheritance, polymorphism, design and implementation of abstract data types, dictionaries, lists, list comprehensions, files, modules, and mutable and immutable types.

Note: The course is not currently equated with SBVC.

I. GEOL 195 Geology of the Western Transverse Ranges

GEOL 195 is a field trip course including lecture and laboratory experiences for students of physical geology and natural history. In this course, students will apply lecture material to field observations and study.

The committee approved GEOL 195 as a new course with a correction. Eligibility for MATH 095 and ENGL 101 was added as a departmental recommendation.

- **Discipline:** Earth Science (Geology)
- **Department:** Physical and Biological Sciences
- **Course Title:** Geology of the Western Transverse Ranges
- **Course ID:** GEOL 195
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** Eligibility for MATH 095 and ENGL 101
- **Semester Units:** 1
- **Minimum Semester Hours**
  Lecture: 2
  Lab: 42
- **Catalog Description:** Discussion and observation of the physical and historical geology and natural history of the Western Transverse Mountains with emphasis in the coastline near Santa Barbara area. Lecture prior to the field trip and geologic tools will be utilized to observe, explore, and understand the geology of the region of study. Student must attend the field trip or complete an approved alternative assignment to successfully complete the course.
- **Schedule Description:** Discussion and observation of the physical and historical geology and natural history of the Western Transverse Ranges with emphasis in the Santa Barbara area. Student must attend the field trip or complete an approved alternative assignment to successfully complete the course.

Note: The course is not currently equated with SBVC.

J. RADIOL 217 Computed Tomography

This course is a stand-alone course that aligns with the college's mission of advancing career success through engagement and learning. The course is offered to the Radiologic Technology students who desire to obtain National and State Computed Tomography certification.

Completion of this course meets the American Registry of Radiologic Technologist (ARRT) requirements for structured education in Computed Tomography. This course is not required to graduate from the Radiologic Technology Program at Crafton.

The committee approved RADIOL 217 as a new course.

- **Discipline:** Radiologic Technology
- **Department:** Allied Health Services
- **Course Title:** Computed Tomography
- **Course ID:** RADIOL 217
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** None

- **Minimum Semester Hours**
  Lecture: 48
- **Catalog Description:** Study of technical and procedural aspects of computed tomography. Examines patient assessment and preparation, provide radiation safety and dose, image formation, image evaluation and archiving, and different types of procedures.
- **Schedule Description:** Study of technical and procedural aspects of computed tomography. Analyzes the principles of computed tomography which includes patient care, safety, data acquisition, image reproduction, image display system, image recording system, image storage system and basic concepts on spiral/helical scanning. Includes cross sectional anatomy and pathology and procedures.

NEW PROGRAMS

K. Associate of Science Computer Information Systems: Programming

The committee approved the Associate of Science Computer Information Systems: Programming as a new degree. Frank will provide the rationale and catalog description as required.

Associate of Science Computer Information Systems: Programming

The Associate of Science Degree in Programming at Crafton Hills College will provide students with the knowledge and skills necessary for employment in entry-level positions in the field of computer programming or to continue to pursue a four-year degree in Computer Information Systems or Computer Science. Completion of this program indicates the student has acquired knowledge of computer programming including basic language structures, syntax, debugging, and application development.

REQUIRED COURSES		**Units**
CIS 095	Employability Skills for Technical Careers	2
CIS 101	Introduction to Computer and Information Technology	3
CIS 130	Hardware and Information Technology Essentials	3

Students must complete at least fifteen additional units from the following:		**Units**
CIS 105	Database Concepts and Design	3
CIS 111	Web Page Programming and Design	3
CSCI 112	Programming Fundamentals: Python	3
CSCI 113	Programming Fundamentals: Java	3
or		
CIS 113	Java Programming	3
CSCI 110	Introduction to Computer Science I (C++)	3
or		
CIS 114	C++ Programming I	3
CSCI 120	Introduction to Computer Science II (C++)	3
or		
CIS 116	C++ Programming II	3
CIS 117	Web Page Scripting	3
CIS 121	Android Application Development	3
CIS 125	Introduction to C#.NET Programming	3

CIS 190D	Software Development Work Experience	1 - 3
CSCI 110G	Introduction to Computer Science I (Game Programming I)	3
CSCI 105	Introduction to Unix/Linux	1
Total Units:		**23**

L. Associate of Science Computer Information Systems: Web Design

The title of the degree is being change from Web Design to Web Development.

The committee approved the Associate of Science Computer Information Systems: Web Development as a new degree. Frank will provide the rationale and catalog description as required.

Associate of Science Computer Information Systems: Web Development

The Associate of Science Degree in Computer Information Systems: Web Development at Crafton Hills College combines web-based program with illustration, art and design tools to provide students with the necessary skills for developing web-based content. Students who complete this program will have learned required skills to utilize web-based languages to organize and display digital content and be prepared for positions in web and mobile design, advertising, and interactive media publishing.

REQUIRED COURSES:		**Units**
CIS 095	Employability Skills for Technical Careers	2
CIS 101	Introduction to Computer and Information Technology	3
CIS 111	Web Page Programming and Design	3
CIS 117	Web Page Scripting	3
CIS 130	Hardware and Information Technology Essentials	3
or		
CIS 140	Introduction to Networks (Cisco CCNA 1)	4

Students must complete at least twelve units from the following courses:		**Units**
MULTI 111	Adobe Photoshop I	3
or		
MULTI 130	Digital Illustration with Adobe Illustrator I	3
MULTI 170	Website Design with Adobe Dreamweaver	3
MULTI 171	Adobe Animate	3
CIS 190A	Web Design Work Experience	1 - 3
CIS 211	Web Design and Development II	3
CSCI 112	Programming Fundamentals: Python	3
CSCI 105	Introduction to Unix/Linux	1
Total Units:		**26 - 27**

M. Associate of Science Computer Information Systems: Network Administration

The committee approved the Associate of Science Computer Information Systems: Network Administration as a new degree. Frank will provide the rationale and catalog description as required.

Associates of Science Computer Information Systems: Network Administration

The Associate of Science Degree in Network Administration at Crafton Hills College will provide students necessary knowledge and skills to succeed as a network administrator, including, installing and configuring switches and routers in multi-protocol networking, providing Level 1 troubleshooting service, and improving network performance and security.

REQUIRED COURSES		**Units**
CIS 095	Employability Skills for Technical Careers	2
CIS 101	Introduction to Computer and Information Technology	3
CIS 130	Hardware and Information Technology Essentials	3
CIS 140	Introduction to Networks (Cisco CCNA 1)	4

Students must complete at least fifteen additional units from the following:		**Units**
CIS 109	Operating Systems and Environments	3
CIS 132	Systems and Network Administration	3
CIS 134	Introduction to Information Systems Security	3
CIS 135	Certified Ethical Hacker	3
CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4
CIS 142	Advanced Routing and Switching (Cisco CCNA 3)	4
CIS 143	WAN Technologies and Network Services (Cisco CCNA 4)	4
Total Units:		**27**

N. Digital Illustration Certificate of Achievement

Digital Illustration has become a highly demanded skill, especially in the gig economy. A certificate in this program will prepare students to either enter freelance illustration as a career, or an opportunity for an additional source of income for other digital media professionals (such as graphic and media designers). The majority of courses in this certificate are transferable to CSU and students who pursue a 4-year degree will be able to transfer the courses.

The committee approved Digital Illustration as a new certificate.

Digital Illustration
Certificate of Achievement

The Digital Illustration Certificate Program combines the study of illustration, art and design with digital tools and techniques to create communicative imagery that is disseminated through all forms of visual media. This certificate prepares students for freelance illustration positions in print and interactive media publishing, web and mobile design, advertising, animation, and gaming.

REQUIRED COURSES		**Units**
ART 124	Drawing I	3
ART 120	Foundations of Two-Dimensional Design	3
MULTI 100	Multimedia Foundations	3
MULTI 130	Digital Illustration with Adobe Illustrator I	3

MULTI 230	Digital Illustration with Adobe Illustrator II	3
MULTI 111	Adobe Photoshop I	3
MULTI 214	Digital Media Portfolio	1 - 3
ART 132	Life Drawing I	3

Recommended Courses		**Units**
MULTI 212	Digital Media Careers	3
MULTI 211	Adobe Photoshop II	3

Total Units   22 - 24

3. Operational Issues

- Keith thanked everyone for their hard work during this challenging time. He reported that the Educational Technology Committee and others have been working to provide training to faculty to teach face-to-face classes remotely. The information is on the campus website.

  Keith thanked Troy for keeping him updated regarding articulation. The courses will be honored no mattered what the instructional method.

  The biggest challenges are in the science labs and occupational areas. They are meeting remotely for now and clinicals and field have been moved toward the end of the semester. The State is trying to purchase something to help with online labs. Information will be sent out once it is received.

- Keith Wurtz and Joshua Robles are recommending the following courses not be deleted from the catalog:

  - MATH 942
  - MATH 943
  - MATH 952
  - MATH 952L
  - MATH 953
  - MATH 962
  - MATH 990L

The next Curriculum meeting will be held on **Monday, April 13 at 2 p.m. online. The link will be sent with the agenda.**