CRAFTON HILLS COLLEGE
CURRICULUM COMMITTEE
MINUTES
December 10, 2018

VOTING MEMBERS:
   Note: ✓If Present

Denise Allen✓   Catherine Hendrickson✓
Debbie Bogh✓   Rick Hogrefe
Troy Dial   Shohreh Rahbarnia✓
Gwen DiPonio (Co-Chair)✓   **Kim Salt (Co-Chair)**✓
Kenneth George✓   Sherri Wilson✓
Laurie Green

NON-VOTING MEMBERS:
   Note: ✓If Present

Kelli Dower   Van Muse✓
Kirsten Colvey   Miriam Saadeh✓
Joe Cabrales   Reyna Uribe
Kristin Garcia   Dan Word
Kristina Heilgeist✓   Keith Wurtz

VISITORS:
Evan Sternard

1.   Approval of Minutes from November 26, 2018 meeting

      The minutes were approved.

2.   **COURSE MODIFICATIONS**

      A. CIS 130 Hardware and Information Technology

      The committee approved CIS 130 as a six-year revision. Kim will make the following
      correction to the course outline:

      Course Enrollment: 30

      - **New Course Title:** Hardware and Information Technology Essentials
      - **New Catalog Description:** Hands-on class covering the fundamentals of
        computer hardware and software, security, networking, and the responsibilities of
        an IT professional. Students who complete this course will be able to describe
        the internal components of a computer, assemble a computer system, install an
        operating system, troubleshoot using system tools and diagnostic software,
        connect to the Internet and share resources in a networked environment.

- **New Schedule Description:** Hands-on class covering the fundamentals of computer hardware and software, security, networking, and the responsibilities of an IT professional. Includes hardware components, operating systems, and troubleshooting, as well as preparation for the CompTIA A+ certification exams 220-901 and 220-902.

Note: Course not offered at SBVC

B. CIS 161 Website Design and Programming using Dreamweaver

The course is being revised to align with industry standards.

The committee approved CIS 161. The DE component was also approved (hybrid and 100% online).

Kim will add the following information to the course outline.
1. Catalog Description: This course is also offered as MULTI 170.
2. Schedule Description: This course is also offered as MULTI 170

- **New Course Title:** Website Design with Adobe Dreamweaver
- **New Departmental Recommendation:** CIS 111 with a minimum grade of C or better
- **New Catalog Description:** In-depth study of Website design and development using Adobe Dreamweaver. Students will design, create, publish, and maintain web sites using Adobe Dreamweaver. This course is also offered as MULTI 170.
- **New Schedule Description:** In-depth study of Website design and development using Adobe Dreamweaver. Students will design, create, publish, and maintain web sites using Adobe Dreamweaver. This course is also offered as MULTI 170.

Note: Course not offered at SBVC

C. CIS 166 Advanced 3D Modeling and Animation

The committee approved MULTI 250 as a six-year revision with a prerequisite of MULTI 150 with a minimum grade of C or better.

Kim will add the following information to the course outline:
1. Change Course ID from CIS 166 to MULTI 250
2. Add "with Maya II to the end of the Course Title.
3. Change Prerequisite to MULTI 150 with a minimum grade of C or better.
4. Add Formerly CIS 166 to Catalog and Schedule Description.

- **New Couse ID:** MULTI 250
- **New Course Title:** 3D Modeling and Animation II with Maya II
- **New Prerequisite:** MULTI 150 with a minimum grade of C or better

- **New Catalog Description:** In-depth study of 3D modeling and animation including the Maya character animation and visual effects system. Generation of digital images of animated characters and scenes. Course includes enhanced usages of 3D modeling, animations, texture mapping, adding visual effects and rendering. Formerly CIS 166.
- **New Schedule Description:** In-depth study of 3D modeling and animation including the Maya character animation and visual effects system. Generation of digital images of animated characters and scenes. Course includes enhanced usages of 3D modeling, animations, texture mapping, adding visual effects and rendering. Formerly CIS 166.

Note: Course not offered at SBVC

D. CIS 182 Desktop Publishing with Adobe InDesign

The committee approved MULTI 131 as a six-year revision. The DE component was also approved (hybrid and 100% online).

Kim will add the following information to the course outline:
1. Change Course ID from CIS 182 to MULTI 131.
2. Add Formerly CIS 182 to Catalog and Schedule Description.

- **New Course ID:** MULTI 131
- **New Course Title:** Publication Design with Adobe InDesign
- **New Semester Units:** 3
- **New Minimum Semester Hours:**
  Lecture: 48
- **New Catalog Description:** Introduction to publication design and page layout using Adobe Creative Cloud, primarily Adobe InDesign. Topics include tools and features used to produce professional publications for print production and digital publishing. Additional topics include color management, typography, and artwork integration. Formerly CIS 182.
- **New Schedule Description:** Introduction to publication design and page layout using Adobe InDesign. Topics include tools and features used to produce professional publications for print production and digital publishing. Formerly CIS 182.

Note: Course not offered at SBVC

E. CIS 195A-Z Selected Topics in Computer Information Systems

The committee approved CIS 195A-Z as a six-year revision. Kim will add the following information:

- **New Catalog Description:** Examination of current topics related to Information Technologies. Specific topics to be announced in the schedule of classes for the semester in which the course is offered.
- **New Schedule Description:** Selected topics in Computer Information Technologies.

Note: Course not offered at SBVC

F. COUN 100 Student Success and the College Experience

The committee approved COUN 100 as a six-year revision. The DE component was also approved (hybrid and 100% online).

Note: Course not offered at SBVC

G. HIST 170 World Civilizations (3500 BCE – 1500CE)

The course is being revised to meet C-ID requirements.

The committee approved HIST 170.

- **New Course Title:** World Civilizations (3500BCE – 1500CE)

Note: Course equates with HIST 170 at SBVC

H. HIST 170H World Civilizations (3500 BCE – 1500CE) – Honors

The course is being revised to meet C-ID requirements.

The committee approved HIST 170H with a prerequisite of Acceptance into the College Honors Institute.

- **New Course Title:** World Civilizations (3500BCE – 1500CE) – Honors
- **New Departmental Recommendation:** None

Note: Course not offered at SBVC

I. HIST 171 World Civilizations (1500 CE to the Present)

The course is being revised to meet C-ID requirements.

The committee approved HIST 171.

- **New Course Title:** World Civilizations (1500CE to the Present)
- **New Catalog Description:** Change 1500 CE to 1500CE

Note: Course equates with HIST 171 at SBVC

J. HIST 171H World Civilizations (1500 CE to the Present) – Honors

The course is being revised to meet C-ID requirements.

The committee approved HIST 171H with a prerequisite of Acceptance into the College Honors Institute.

- **New Course Title:** World Civilizations (1500CE to the Present) – Honors
- **New Departmental Recommendation:** None
- **New Catalog Description:** Change 1500 CE to 1500CE

Note: Course not offered at SBVC

ADDED:

1. CIS 163 Adobe Photoshop

   Photoshop is widely used in the private and public sector and in educational institutions to design, create, and manipulate graphic images for Web pages and print publications. For this reason, students, business people, and computer professionals are requesting that this course be included in our curriculum. This course applies to the Associate of Science degree as well as to the certificate requirements for Computer Information Systems. Multimedia and Computer Assisted Graphic Design. Transfers to CSU.

   The committee approved MULTI 111. The DE component was also approved (hybrid and 100% online).

   Kim will add the following information to the course outline:
   - Add: Formerly CIS 163 to the Catalog Description.
   - Add: Formerly CIS 163 to the Schedule Description.

     - **New Discipline:** Multimedia
     - **New Course ID:** MULTI 111
     - **New Course Title:** Adobe Photoshop I
     - **New Catalog Description:** Add: Formerly CIS 163
     - **New Schedule Description:** Add: Formerly 163

     Note: Course not offered at SBVC

2. CIS 180 Computer Graphics with Adobe Illustrator

   Digital Illustration provides students with skills and knowledge used to create professional illustrations and graphic designs. Students will gain an understanding of vector graphics, which are used in the creation of logos and other frequently scaled imagery. Students are trained primarily in Adobe Illustrator CC, and industry standard software program that is used in numerous computer graphic fields including print and web design. This course is associate degree applicable.

   The committee approved MULTI 130. The DE component was also approved (hybrid and 100% online).

   Kim will add the following information to the course outline:
   - Add: Formerly CIS 180 to the Catalog Description.
   - Add: Formerly CIS 180 to the Schedule Description.

     - **New Discipline:** Multimedia

- **New Course ID:** MULTI 130
- **New Course Title:** Digital Illustration with Adobe Illustrator I
- **New Units:** 3
- **New Minimum Semester Hours:**
  Lecture: 48
- **New Catalog Description:** Development of skills in digital illustration and its use in print and web-based media. Focus on the creation of vector graphics using industry standard applications including Adobe Illustrator CC. Formerly CIS 180.
- **New Schedule Description:** Development of skills in digital illustration and its use in print and web-based media. Focus on the creation of vector graphics using industry standard applications including Adobe Illustrator CC. Formerly CIS 180.

  Note: Course not offered at SBVC

3. CIS 165 Introduction to 3D Modeling and Animation

   The ability to design and create 3D objects and animations is in high demand in both the public and private sector. Architects and engineers, trainers and educators, corporate presentation specialists, industrial designers, and game developers all use 3D graphics and animations. CIS 165 is associate degree applicable, transfers to CSU and is a requirement for the AS in Computer Information System (3D Computer Animation emphasis) and the Computer Assisted Graphic Design certificate.

   The committee approved MULTI 150.

   Kim will add the following information to the course outline:
   - Add: Formerly CIS 165 to the Catalog Description.
   - Add: Formerly CIS 165 to the Schedule Description.

     - **New Discipline:** Multimedia
     - **New Course ID:** MULTI 150
     - **New Course Title:** 3D Modeling and Animation with Maya I
     - **New Catalog Description:** Add: Formerly CIS 165
     - **New Schedule Description:** Add: Formerly CIS 165

       Note: Course not offered at SBVC

4. CIS 174 Introduction to Adobe Premiere

   Digital media has quickly developed into a robust arena for communication and entertainment. The Internet, in particularly, uses multimedia in a variety of forms by many commercial and news web sites. The inclusion of this course would enable our students to develop multimedia content for professional distribution via both the Internet and permanent mediums such as DVD and Blu-ray.
   This course transfers to CSU.

   The committee approved MULTI 151.

   Kim will add the following information to the course outline:

- Add: Formerly CIS 174 to the Catalog Description.
- Add: Formerly CIS 174 to the Schedule Description.

  - **New Discipline:** Multimedia
  - **New Course ID:** MULTI 151
  - **New Course Title:** Video Editing with Adobe Premiere
  - **New Catalog Description:** Add: Formerly CIS 174
  - **New Schedule Description:** Add: Formerly CIS 174

    Note: Course not offered at SBVC

5. CIS 173 Introduction to Adobe After Effects

   Digital media has quickly developed into a robust arena for communication and entertainment. The Internet, in particularly, uses multimedia in a variety of forms by many commercial and news websites. The inclusion of this course would enable our students to develop multimedia content for professional distribution via both the Internet and permanent mediums such as DVD and Blu-ray. This course transfers to CSU.

   The committee approved MULTI 152

   Kim will add the following information to the course outline:
- Add: Formerly CIS 173 to the Catalog Description.
- Add: Formerly CIS 173 to the Schedule Description.

  - **New Discipline:** Multimedia
  - **New Course ID:** MULTI 152
  - **New Course Title:** Motion Graphics with Adobe After Effects
  - **New Catalog Description:** Add: Formerly CIS 173
  - **New Schedule Description:** Add: Formerly CIS 173

    Note: Course not offered at SBVC

6. CIS 184 Photoshop and Digital Photography

   Photoshop and digital photography has become increasingly popular with both professional and amateur photographers, Students have been requesting the addition of this class to the program. This course applies to the Associate of Science degree as well as to the certificate requirements for Computer Information Systems. This course transfers to CSU.

   The committee approved MULTI 211 with a prerequisite of MULTI 111.

   Kim will add the following information to the course outline:
- Add: Formerly CIS 184 to the Catalog Description.
- Add: Formerly CIS 184 to the Schedule Description.

  - **New Discipline:** Multimedia
  - **New Course ID:** MULTI 211
  - **New Course Title:** Adobe Photoshop II

- **New Prerequisite:** MULTI 111
- **New Departmental Recommendation:** None
- **New Catalog Description:** Building upon the skills obtained in Adobe Photoshop I, this course introduces additional tools and workflows, such as digital painting, complex masking, automated editing processes using actions, animating with the Photoshop timeline and building 3D objects. In addition to technical skills students will gain proficiency in Design processes pertaining to digital media production. Formerly CIS 184.
- **New Schedule Description:** Building upon the skills obtained in Adobe Photoshop I, this course introduces additional tools and workflows, such as digital painting, complex masking, automated editing processes using actions, animating with the Photoshop timeline and building 3D objects. Formerly CIS 184.

Note: Course not offered at SBVC

NEW COURSES

K. CIS 135 Certified Ethical Hacker

In order for students to compete for gainful employment in the cybersecurity field, both hands on experiences and certifications are necessary. This course will focus on getting the student prepared for the Ethical Hacker (EH) certification exam so the student can look for employment as a certified security professional.

The committee approved CIS 135 as a new course.

- **Discipline:** Computer Information Systems
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** CIS 135
- **Course Title:** Certified Ethical Hacker
- **Units:** 3
- **Minimum Semester Hours:**
  Lecture: 48
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** CIS 134 with a minimum grade of C or better
- **Catalog Description:** This course will prepare students for the Ethical Hacker Certification exam by focusing on defensive hacking, with a code of ethics. Sample topics covered in this course are system fundamentals, enumeration, system hacking, Penetration Testing, system hardening, cloud technology security and social engineering.
- **Schedule Description:** In order for students to compete for gainful employment in the cybersecurity field, both hands on experiences and certifications are necessary. This course will focus on getting the student prepared for the Ethical Hacker (EH) certification exam so the student can look for employment as a certified security professional.

Note: Course not offered at SBVC

L. CIS 136 Introduction to Cybersecurity

The demand for cybersecurity experts has grown three times faster than any other IT job role, and training a cybersecurity workforce is a priority of many governments. Training a cybersecurity workforce is a national priority for many countries, and the demand for cybersecurity professionals is projected to rise to six millions job openings globally by 2020.

The committee approved CIS 136 as a new course. The DE component was also approved (hybrid and 100% online).

- **Discipline:** Computer Information Systems
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** CIS 136
- **Course Title:** Introduction to Cybersecurity
- **Units:** 1
- **Minimum Semester Hours:**
  Lecture: 16
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** None
- **Catalog Description:** The Cisco Networking Academy hosted Introduction to Cybersecurity course is designed for students who are considering IT as career with specialization in cybersecurity. The course explores the field of cybersecurity, specifically the importance of cybersecurity, data confidentiality, and best practices for using the internet and social media safely, and potential career opportunities in this growing field.
- **Schedule Description:** This Cisco Networking Academy hosted course provides an introduction to the field of cybersecurity, specifically the importance of cybersecurity, data confidentiality and best practices for using the internet and social media safely. The course also explores potential career opportunities in this growing field.

Note: Course not offered at SBVC

M. CIS 137 Cybersecurity Essentials

Cybersecurity risks and threats are ever-present. The Internet and network infrastructures are increasingly vulnerable to a wide variety of physical and cyber attacks. Sophisticated cyber criminals and nations exploit these vulnerabilities stealing information, money, and more. These threats and vulnerabilities are fueling the growing need for skilled cybersecurity professionals.

The committee approved CIS 137 as a new course. The DE component was also approved (hybrid and 100% online).

- **Discipline:** Computer Information Systems
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** CIS 137
- **Course Title:** Cybersecurity Essentials

- **Units:** 2
- **Minimum Semester Hours:**
  Lecture: 32
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** CIS 136 with a minimum grade of C or better
- **Catalog Description:** The Cisco Networking Academy hosted Cybersecurity Essentials course covers foundational knowledge in all aspects of security in the cyber world, including information security, systems security, network security, mobile security, physical security, ethics and laws. It builds students' skills in related technologies, procedures, defense and mitigation techniques used in protecting businesses.
- **Schedule Description:** The Cisco Networking Academy hosted Cybersecurity Essentials course covers foundational knowledge in all aspects of security in the cyber world, including information security, systems security, network security, mobile security, physical security, ethics and laws. It builds students' skills in related technologies, procedures, defense and mitigation techniques used in protecting businesses.

Note: Course not offered at SBVC

N. MULTI 100 Multimedia Foundations

A foundational understanding of concepts and multimedia production software is critical to success in digital media careers as well as professions who commonly interface with media production such as marketing employees or business owners. In order for students to be successful in a digital media occupation or an educational pursuit, they must be familiar with the applications and uses of multimedia production.

The committee approved MULTI 100 as a new course.

- **Discipline:** Multimedia
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** MULTI 100
- **Course Title:** Multimedia Foundations
- **Units:** 3
- **Minimum Semester Hours:**
  Lecture: 48
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** None
- **Catalog Description:** Introduction to multimedia technologies, concepts and principles of design and media production. Explores software applications as they relate to current methods of digital media production for print, screen, animation, interactivity, and 3D design. Investigates the historical and conceptual relationship between art, media, and technology.

- **Schedule Description:** Introduction to multimedia technologies, concepts and principles of design and media production. Explores software applications as they relate to current methods of digital media production for print, screen, animation, interactivity, and 3D design.

Note: Course not offered at SBVC

O. MULTI 170 Website Design with Adobe Dreamweaver

This course will apply to the Associate of Science degree as well as to the certificate requirements for both Computer Information Systems and Multimedia and transfers to CSU.

The committee approved MULTI 170 as a new course. The DE component was also approved (hybrid and 100% online.)

- **Discipline:** Multimedia
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** MULTI 170
- **Course Title:** Website Design with Adobe Dreamweaver
- **Units:** 3
- **Minimum Semester Hours:**
  Lecture: 48
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** CIS 111 with a minimum grade of C or better
- **Catalog Description:** In-depth study of Website design and development using Adobe Dreamweaver. Students will design, create, publish, and maintain web sites using Adobe Dreamweaver. This course is also offered as CIS 161.
- **Schedule Description:** In-depth study of Website design and development using Adobe Dreamweaver. Students will design, create, publish, and maintain web sites using Adobe Dreamweaver. This course is also offered as CIS 161.

Note: Course not offered at SBVC

P. MULTI 171 Adobe Animate

Adobe Animate is widely used throughout the world in the private and public sector and in high-level institutions to design and create animation and multimedia content that work across diverse platforms including computers, web sites, and mobile devices. For this reason, students, business and computer professionals are requesting this course.

The committee approved MULTI 171 as a new course. The DE component was also approved (hybrid and 100% online).

- **Discipline:** Multimedia
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** MULTI 171

- **Course Title:** Adobe Animate
- **Units:** 3
- **Minimum Semester Hours:**
  Lecture: 48
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** CIS 091 with a minimum grade of C or better
- **Catalog Description:** Introduction to Adobe Animate. Development of skills needed to plan, design, create, and publish animations, movies, and multi-device interactive applications using Adobe Animate.
- **Schedule Description:** Introduction to Adobe Animate. Development of skills needed to plan, design, create, and publish animations, movies, and multi-device interactive applications using Adobe Animate.

Note: Course not offered at SBVC

Q. MULTI 173 User Experience Design (UXD)

The committee approved MULTI 173 as a new course.

With the growing web design market and the multitude of digital devices, user interface design has quickly become a specialized area within the field of digital media design and is one of the most desired and high paying areas within the digital media job market. Training in this area will give students a higher chance on both the employment market as well as the freelance market.

- **Discipline:** Multimedia
- **Department:** Multimedia, Information Technology and Noncredit
- **Course ID:** MULTI 173
- **Course Title:** User Experience Design (UXD)
- **Units:** 3
- **Minimum Semester Hours:**
  Lecture: 48
- **Prerequisite:** None
- **Corequisite:** None
- **Departmental Recommendation:** None
- **Catalog Description:** User Experience Design (UX) focuses on the quality of experience a person has when interacting with a specific design. UX Design relates to the needs and wants of the user, as well as ease-of-use, and designs for the best possible user experience. This course will cover the design process, prototyping, documentation, and tools used within the UX field.
- **Schedule Description:** User Experience Design (UX) focuses on the quality of experience a person has when interacting with a specific design. UX Design relates to the needs and wants of the user, as well as ease-of-use, and designs for the best possible user experience.

Note: Course not offered at SBVC

R. MULTI 111 Adobe Photoshop I

See Modifications:

CIS 163 is changing to MULTI 111.

S. MULTI 130 Digital Illustration with Adobe Illustrator I

See Modifications:

CIS 180 is changing to MULTI 130.

T. MULTI 131 Publication Design with Adobe InDesign

See Modifications:

CIS 182 is changing to MULTI 131.

U. MULTI 150 3D Modeling and Animation with Maya I

See Modifications:

CIS 165 is changing to MULTI 150.

V. MULTI 151 Video Editing with Adobe Premiere

See Modifications:

CIS 174 is changing to MULTI 151.

W. MULTI 152 Motion Graphics with Adobe After Effects

See Modifications:

CIS 173 is changing to MULTI 152.

X. MULTI 211 Adobe Photoshop II

See Modifications:

CIS 184 is changing to MULTI 211

Y. MULTI 250 3D Modeling and Animation II

See Modifications:

CIS 166 is changing to MULTI 250.

Z. VOC/N 010 Heartsaver CPR/AED/First Aid

The course was tabled.

Concerns: Is this a noncredit course?

AA. VOC/N 016 Emergency Medical Responder Refresher

The course was tabled.

Concerns: Is this a noncredit course?

NEW PROGRAMS

BB. Cybersecurity Specialist

The committee approved Cybersecurity Specialist as a new certificate.

Cybersecurity Specialist
Certificate of Achievement

This certificate is designed to prepare students for entry-level positions as information security (cybersecurity) specialists. It includes courses that prepare students for industry certifications (Understanding Cisco Cybersecurity Fundamentals (SECFND) certification exam (210-250), Implementing Cisco Cybersecurity Operations (SECOPS) certification exam (210-255), CompTIA A+, and CompTIA Security+).

Required Courses:		Units
CIS 101	Introduction to Computer and Information Technology	3
CIS 109	Operating Systems and Environments	3
CIS 130	Hardware and Information Technology	3
CIS 136	Introduction to Cybersecurity	1
CIS 137	Cybersecurity Essentials	2
CIS 138	CCNA Cybersecurity Operations	4
CIS 140	Introduction to Networks (Cisco CCNA 1)	4

Recommended Courses:		Units
CIS 135	Certified Ethical Hacker	3
CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4

Total Units   **20**

CC. Associates of Science Multimedia with an Emphasis in Digital Animation

The degree was tabled because MULTI 214 has not been approved.

DD. Web Development Certificate of Achievement

The certificate was tabled because MULTI 214 has not been approved.

EE. Associates of Science Multimedia with an Emphasis in Web Development and Interface Design

The degree was tabled because MULTI 214 has not been approved.

FF. Associates of Science Multimedia with an Emphasis in Graphic and Media Design

The degree was tabled because MULTI 214 has not been approved.

GG. User Interface Design Certificate of Achievement

The certificate was tabled because MULTI 214 has not been approved.

HH. Cloud Technology Specialist Certificate

The committee approved Cloud Technology Specialist as a new certificate.

Cloud Technology Specialist
Certificate of Achievement

This certificate is designed to prepare students for entry-level positions as cloud technology specialists. It includes courses that prepare students for industry certifications (CompTIA A+ and Cloud+).

Required Courses:		**Units**
CIS 130	Hardware and Information Technology	3
CIS 109	Operating Systems and Environments	3
CIS 132	Systems and Network Administration	3
CIS 133	Cloud Technology Essentials	4
CIS 136	Introduction to Cybersecurity	1
CIS 140	Introduction to Networks (Cisco CCNA 1)	4

Recommended Courses:		**Units**
CIS 101	Introduction to Computer and Information Technology	3
CIS 137	Cybersecurity Essentials	2
CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4
Total Units		**18**

II. Digital Animation Certificate of Achievement

The certificate was tabled because MULTI 214 has not been approved

JJ. Graphic and Media Design Certificate of Achievement

The certificate was tabled because MULTI 214 has not been approved. Also, does this certificate replace Computer Assisted Graphic Design?

PROGRAM DELETION

KK. California Fire Officer Training Certificate

The committee deleted the California Fire Officer Training Certificate. The courses are no longer being offered.

3. Operational Issues

   Nothing to report.

The next Curriculum meeting will be held on **January 28 at 2 p.m. in CCR 233.**