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| **Crafton Hills College****Multimedia, CIS, Computer Science, Business Administration** **Advisory Committee Meeting Agenda****Date:**  | **Thursday., Apr. 26, 2018****LRC 226, 6 – 8 pm****Next Meeting:** **Spring 2020, TBD** |
| **Members:** **Denise Allen (CIS Faculty, CHC)****Mike Bagg (Instructor, YHS)****Heather Barger (City of Yucaipa)****Vicki Baylus (Regional Director)****Taylor Brown (Graphic Designer, GHP)****Galen Dean (CRYROP)**Kenny George (absent)**LRod Jara (CRYROP)****Corey Johnson** (CHC, Classified Tech)**Iris Kern-Foster (Multi Facuty, CHC)****Frank Madrid (CS Faculty, CHC)** | **Farhad Mansourian (Econ Faculty, CHC)**Susanne Mata (absent)Bryan Mills (absent)**Jason Mills (VP YHS)**Sandy Mortensen (absent)**William Van Muse (SINS Dean, CHC)****Edward Papp (CIS Faculty, CHC)****Deidra Puentes (CRYROP)****Bill Tynan (Educ Director, GHP)****Paul Toomey (City of Yucaipa)****Mike Walter (CHC PT Faculty)** |
| **TOPIC** | **DISCUSS**I**ON** |
| **Meeting Called to Order** | Meeting was called to order at 6:00pm. A light dinner, provided by Kopper Kettle Kafe and Katering was served.  |
| **Introductions** | Everyone present introduced him/herself, the agency they were representing and what they hoped to learn by attending the CHC CIS/BusAd advisory committee meeting.  |
| **CIS/CS Program, Certificates and Course update**  | The current CIS & CS Programs and Certificates were presented. Professor Allen highlighted the new AS degree emphasis areas in Cybersecurity and Cloud Technology as well as the new certificates in each of these two areas. Those in attendance expressed support for the addition of both the cybersecurity and the Cloud Technology and emphasized the growing demand for professionals in each of these areas. Professor Allen also shared that the Digital Media emphasis areas, degrees and certs were being migrated to the discipline of Multimedia starting in the Fall of 2019. These would be covered in detail later in the agenda.Professor Allen provided highlights of the new SBCCD Promise program. It is a last dollar program. Pays for what students cannot get elsewhere. Part of endowment, uses proceeds or returns from the endowment, supposed to go on in perpetuity. Please check the SBCCD promise website for additional information. |
| **BusAd, Econ, Acct, Mrkting update** | Professor George could not attend, so Professor Allen presented the degrees and certificates currently being offered in Business, Accounting, Marketing and Economics. Galen Dean asked if the college was planning on developing a Project Management Program. Dean Muse stated that the dept is exploring the feasibility of offering a certificate focusing on project management, finance, personnel, including connections with industry.  |
| **New Multimedia Discipline Certs, Degrees, Course Overview and Updates**(Kern-Foster) | Professor Kern-Foster provided an overview of the new Multimedia Discipline which will focus on preparing students for jobs in the Creative industries. This could include animation, games, reality++, data visualization, product design, marketing and various entertainment companies. We have developed a 4 year plan…This year we migrate existing CIS course to Multimedia. We authored several new courses as well as 5 new certificates and 3 new degrees This coming year we plan to launch the new program and to develop partnerships with business and industry as well as internships for students who are seeking workplace experience. FALL 20/21: Digital Illustration, Game Art and Assets, Multimedia Art, Social Media Production.FALL 21/22: Virtual and Mixed Reality App Development, Game Development, Internet of ThingsWe are focusing on providing students entry level skills as well as the soft skills required to apply for jobs in the creative industryThe new industry aligned certificates:* Digital Animation
* Web Development
* Graphic and Media Design
* User Interface Design

The new industry aligned degrees:* Associate of Science Multimedia with an emphasis in Web Development and Interface Design
* Associates of Science Multimedia with an emphasis in Graphic and Media Design
* Associates of Science Multimedia with an emphasis in Digital Animation

The Program will include opportunities for students to apply what they have learned through:* Summer Camps
* Internships Programs
* Development of Marketing Brochures, Posters, and Flyers
* Business Partnerships
* IDTech Camp Workshops

Changes are already underway. The dept is updating instructional spaces and labs with industry aligned tools and equipment; increasing regional outreach and marketing campaigns, and we have begun expanding industry partners and internship opportunities.Taylor Brown (GHP) asked if:3D MODELING AND ANIMATION are planned as separate pathways. Professor Kern-Foster stated that yes, there are Two separate pathways.Ms. Brown offered to review the revised 3D Modeling certificate to be sure the 3D Modelers were leaning about the Interaction of the objects with the physical space as opposed to just focusing on how it looks.There were a few clarifying questions, but everyone felt the new certificates and degrees aligned very well to the emerging demands in the creative industries.  |
| **Business Incubator** (Barger/Toomey) | Heather Barger presented. She explained that she had been hired by the college to work with the city to enrich the business incubator center and to design and launch a classroom space within the center. The Yucaipa Business Incubator center has become a launch space for small businesses in the area (home based). Tenants pay a small fee and are granted access to business equipment and a network of people to get creative ideasThe instructional space is now offering Community based courses such as marketing and QuickBooks. The courses are taught by CHC instructors for a minimal fee to local business owners.Fall 2019 Courses* Small business management
* Small business accounting and QuickBooks
* Social media and marking on the internet

The goal is to connect the dots with sponsorship and grant money in order to help expand businesses and to provide the skills needed to succeed in the business |
| **Internships**(Ed Papp) | PT Professor Ed Papp provided an update on the CIS Internship program. He stated that Inters have desire, aptitude and some skills, but what they really need is mentoring focused work experienceMr. Papp explained that his role as the Workforce Experience Coordinator was to:* Interface with potential Employers
* Identify opportunities
* Finds Students
* Sets up Internships
* Link up and develop soft skills with the support of the CHC Career Center

He also provides an interface between the employer and the Student by:* Monitoring the Training and Experience
* Documenting Learning Outcomes
* Validating Time
* Conducting exit Interview with employer and student

The department currently offered internships in the following areas:* Web Design
* Network Administration
* Hardware Technician
* Software Development
* Digital Media Design

A question was asked about how far away the internship might travel. Mr. Papp responded that he has supervised internships as far away as Rancho Cucamonga. He is flexible with location as he is hoping to establish more opportunities for students. So anywhere in the IE is fine, provided the student has no issue with transportation. |
| **Makerspace** (D Allen) | Professor Allen provided an update on the CHC CIS Makerspace. The focus is on digital media, games, VR and digital music.We have installed 12 new high-end gaming PCs in CNTL 109a and the Maya class has relocated to this room. We will be replacing the remaining 25 PCs in this lab prior to the start of the Fall term. There is a growing industry in video games, the idea is to for students to play games to learn how to make the games.Applying knowledge in their arena, E-Sports is a manifestation of this idea. Competition aspect is the competition over a multiplayer game environmentThe equipment needs to facilitate this interaction. Entrepreneurial aspect of the industry. Interest in creating an arena setting, attract more students. |
| **Articulation Agreements**(D. Allen) | Professor Allen PresentedThe goal is to devise an articulation agreement, so content is not repeated between our campus and the other school.Some potential courses to articulate include:Game Design I and II (Bloomington High School)Cyber I and II (Security) (RHS)Animation and Digital Video I and II , Cisco I and II (Grand Terrace HS)Graphic Design I and II (Grand Terrance HS)Digital Video Production, Animation, Cisco I and II (REV)Game Design (Citrus Valley)3d Modeling and Animation - Maya I and II, Digital Media publication, Digital Photography I and II courses (Yucaipa HS)CSCI AP Courses - Two AP exams CS A (Java), CS Principles (Survey) CS A – 1st Semester or Year CS Principles – Non-CS CS courseCurrent YHS Pathways:* Law and public safety
* Health
* Biomedical

Need to review the Course Outlines of Record to establish if the HS & college courses have overlapping course content (similarity). What is important is that the students possess the Requisite knowledge to move into the next class (especially in digital media).Who to talk to for articulation agreements?Dan Word & CC Frank as well |
| **Suggestions: Curriculum, Software, Equipment**(D. Allen) | Bill Tynan (GHP) stated that we should add 3D printing for real life fabrication. Student should have opportunities to learn digital design for practical applications. Also may want to look into 3D Scanners as they are now affordable. Taylor Brown (GHP) added that sculpting characters is software was important, but the students should be able to print the characters (on a 3D printer) and see how it turns out. Mike Bagg (YHS) stated he had aFormer student who helped design the Oculus Rift, that would be an excellent contact for 3D ideas. Already covered. There were no additional questions or recommendations related to this item. The GHP members praised CHC for moving forward with a new iMac Lab. |
| **Next Meeting – Spring 2020****Future Agenda Items** |  |
| **Adjournment** |  |