To: CIS Advisory Archives

From: Meredith Vanderhill

Subject: Minutes of October 22, 2019

Subject: 4:00pm

Members Present: Christine Gearig, Billy Reynolds, Peter Linden, Linda Depta, Tim Welsh, Brian Graening, Patti Henning, Dawn Pantaleo, Monica Koenig, Sherri Pence, Ed Freed, John Burns, Brian Wright

Recorder: Meredith Vanderhill

1. Review/Approve Minutes from November 7, 2018
   — Motion: Tim Welsh, Second: Billy Reynolds
2. Welcome and Introduction
   — Welcomed new Provost/VP for instruction and student services – Dr. Peter Linden
   — Introductions of returning and new members
3. Perkins
   — Patti Henning gave updates regarding Perkins funding, regulations and new requirements.
      o Distributed required surveys
4. Announcements
   — CIS participated in KVCC 1st Annual Skilled Trades Expo
      o Over 800 people attended, 300 prospect student cards filled out.
   — CIS is working with KVCC Marketing to start a new campaign for marketing the CIS programs and Cisco Program
      o Geofencing and WWMT Career Source has been a successful Link to watch: https://wwmt.com/news/local/career-source-kvcc-trains-students-for-computer-science-careers
   — KVCC will be moving from Moodle to hosted Canvas for LMS
      o Tim Welsh shared that Piloting will begin winter 2019 and by fall 2020 KVCC will be 100% canvas.
5. Program Updates (Not sure if notes are all underneath the correct agenda items)
   — Python course being offered Winter 2020
   — Cisco program adjusting to 3 courses
      CCENT going away July 31, 2020 New CCNA Exam objectives will begin March 1 2020. Cisco CCNA is moving from 4 courses to 3 courses – a lot of the Advanced features will be moved to CCNP courses.
      o Meeting in November to preview new curriculum.
   — Intro to Web Application Programming to be offered in Fall 2020

- o Ed Freed see's the demand for more software developer skills especially using C# and incorporating more Application Program Interfaces (APIs) into development.
- o Brian Wright agreed with the demand for more software developers – Bronson currently has 3 developers. They see the demand for Web Developers and C# programming skills
- ⎯ Advanced Web Programming to be offered in Winter 2021
- ⎯ Developing new Cybersecurity course to be offered Fall 2020
    - o Ethical hacker course will be piloted in Fall 2020 and prepare students for taking the Certified Ethical Hacker(CEH) Certification
    - o Chris Gearig will send out an email with the master syllabus when it has been updated.
    - o Davenport has a new cyber security program and received a grant for 4.5 million dollars in scholarship for students – this is good opportunity for KVCC students to take part in Davenport's program with our 3+1 program.
    - o Western Michigan University is adding new bachelors program for cyber security (Fall 2019 launch). WMU currently has a Master's program in Cyber Security
- ⎯ Proposal to remove the CIS 298 Mobile Apps course
    - o Mobile Apps is being taught using Android and Java.
    - o Google is moving away from Java to a language called Kotlin that still runs on the Java Virtual Machine.
    - o KVCC currently does not teach Kotlin
    - o Google's long term would like to move away from the Java Virtual Machine all together to get out from under Oracle and is currently developing another language called Flutter.
    - o The rapid technology changes will make it very difficult for KVCC to stay current if we continue to teach this course.
    - o In addition, it is a very challenging topic. In WMU's Computer Science department it is a graduate level course.
    - ⎯ Motion to remove CIS 298 Fall 2020 (Program Updates)
        - o Motion: John Burns, Second: Ed Freed
6. Program Statistics and Outcome Attainment
    - ⎯ Enrollment Numbers
        - o Fall 2019 – 325, Winter 2019 – 329, Summer 2019 – 88
        - o Chris Gearig handed out packet with data and statistics
    - ⎯ Completion Rates
        - o CIS WMU: 41 students
        - o CIS FSU: 1 student
        - o Database Specialist: 3 students
        - o Desk Support: 6 students
        - o Help Desk: 13 students
        - o IT Support Tech: 20 students
        - o Computer Support Tech: 10 students

- o Network Manager: 10 students
- o PC Support Tech: 17 students
- o Software Development: 17 students
- o Software Specialist: 21 students
- o Web Development: 6 students
- o Web Design and Development: 19 students
— Internship Placement
  - o Monica Koning gave overview of internship process/requirements for students and how partnerships are doing.
    1. Bronson is a big employer
    2. Looking for more partnerships
  - o New job board coming called Career Coach

7. Feedback/Communication/Industry Trends from Members
   — Sherri Pence shared that her company has the ability to run a report that shows all job openings in the state of Michigan. This report also shows how many people are currently working in the industry and average pay grades. Sherri will share the report with Chris Gearig however, it is not for public viewing or marketing.
   — Brian Wright shared that there has been great feedback from students that KVCC has implemented trouble shooting skills
   — Ed Freed reported that he would like to see training in security, cloud and soft skills
   — Dawn Pantaleo shared an event with the group called Midwest Collegiate Computing Conference taking place March 20 &21.
     - o Competitions, breakout sessions, job fair and speakers.
     - o Looking for more participants to be sponsors

8. Meeting Adjourned 5:35pm
   — Motion: John Burns, Second: Dawn Pantaleo