

Agenda
Computer Information Systems Advisory
October 28th 2021
Zoom

- I. Welcome
- II. Members Present: *Brian Wright, Chris Gearig, David Barnes, John Burns, Tim Welsh, Cheryl Claussen, Monica Koning, Marty Adams, Deb Coates, Ed Freed, Melissa Sarenius, Peter Grohs, Thomas Klomparens, Amy Bowen, Aaron Snead, Sherri Pence*
Recorded by: *Meredith Vanderhill*
- III. Call to approve minutes from last meeting
 - a. Motion: John Burns, Brian Wright
- IV. Program updates
 - a. Majority of CIS courses still remain to Online / WEB / Remote format for Fall and Winter 2022
 - i. Using mixed modality system (24 remote students, 12 in person students).
 - ii. Building out more Zoom Classrooms.
 - b. New CIS 105 Intro to Computer Information Systems being offered Winter 2022
 - i. Last fall advisory committee motioned to move forward and was approved by board.
 - ii. Introductory course for beginners wanting to learn more about Databases, programming and Networking. Peter Grohs created 2 hand on labs.
 - c. HLC Instructor Competencies for CIS courses
 - i. Associates degree and minimum 4 years relevant work experience in the information technology field or Bachelor's Degree and minimum 2 years relevant work experience in the technology field. Preferred: Master's degree in CIS or related field.
- V. Perkins Core Performance Indicator - review of program level performance (*this agenda item is included in the Spring semester, committees will be provided with summary data*)
 - a. Every spring semester a summary of data will be sent out to advisory members along with a survey (needs assessment).
- VI. Comprehensive Needs Assessment Input
 - a. Satisfaction with student placements / Satisfaction with skill level of graduates / Are there gaps in skills that our students present / Are there gaps in the program / Suggestions for improving student and graduate's success.
 - i. Bowen – Work on mock interviews and have students be able to talk on the projects they've worked on in addition to being bulleted out clearly and in great detail on resume.
 - ii. Sarenius - Valuable relationship, never disappointed. Students have good

attitudes and know what they are doing.

- iii. Welch – Looking for technical ability and also soft skills. Being able to transfer soft skills from face to face to zoom.
- iv. Klomparens – Positive experience with KVCC. Challenge – knowing the student's technical level and what they are capable of.
- v. Freed – Having a good portfolio is key. Outline collaborative work, projects and job experience, even if not related.

VII. New business and/or projects

- a. Discuss new and emerging trends in the industry
 - i. Snead – VDI/VMWare system – Virtual environment solutions. In a perfect world hires would have both networking and software skills.
 - ii. Freed – Automation is the biggest trend. Security for Software and Network is important; also, analytics is being utilized more. API integrations.
 - iii. Wright – Health care continues to expand analytics and security tool set. Bronson has IT positions that would like to see more clinical backgrounds – could we offer nursing programs with electives in CIS?
 - 1. Gearig – Will start conversation with health programs.
 - 2. Grohs – CIS 105 (discussion about specialized sections for different fields).
- b. Industry standard certifications for Software / Programming languages (python?)
 - i. Freed – Google automation with python certification. Difficult on software side; .net C#
 - ii. Adams – Programing instructors to take C# exams for professional development.
 - iii. Grohs – Beyond certifications could anything else be added to resumes?
 - 1. Pence – looking for Python and Java test automation skills. Technology boot camp or talent development program that would help people without a lot of experience.
 - 2. Welch – Work with non-credit side to offer boot camp or a continuing education program.
 - 3. Claussen – Turn Python course into a boot camp. Microsoft is offering a certification for Python.
 - 4. Pence – Test the students to see Technology level/skill set.
 - 5. Klomparens – Certifications and sending code is helpful in determining skill level.

VIII. Timelines for recommended action plans

- a. NA

IX. Updates from around the college

- a. Gearig- Shared about Reconnect program, future for front liners. Enrollment is

increasing.

i. Partnerships with Davenport, Ferris, Sienna heights.

1. Two KVCC Students have been awarded the cyber security scholarship through Davenport as part of the University Center partnership.

Fall to fall comparison	2018	2019	2020	2021
Students enrolled	385	390	327	404

b. Internship placement success rate (M. Koning)

i. Currently have 30 Internships and working with students to update resumes.

ii. Remote internships are now an option. Most internships prefer Face to Face vs. Remote.

iii. Internships down during the pandemic due to businesses closing doors. Internship required for all CIS programs.

c. Winter – updated program pathways

i. Added CIS internship to all degree pathways for CIS

ii. Reduced credit hours by adjusting courses and adding a new course that covered most intro basics.

iii. Eliminated second English course and sticking to the general education requirements to give more focus to CIS skills.

d. Welsh - Added 750 computers for student checkout through library and hotspots.

i. Checked out over 1000 computers.

ii. Changed financial aid to be able to purchase laptops.

iii. Using virtual desktops, zoom rooms.

iv. Extended wireless out to parking lots.

v. Snead – faculty using remote learning even if back on campus. Seeing a benefit.

vi. Coates – College received large cares act and much of the funds are being used for technology.

e. Gearig – Technology wing expansion was approved and will include 2 new rooms and a server room for CIS department.

X. Next meeting date, time and location

a. March 3, 2022 at 5:30pm room 4240

XI. Adjournment

