



Date: December 4, 2023  
To: Dr. Laurie Borowicz  
From: Barbara Leach  
Re: Advisory Committee Minutes

### **Computer Information Systems**

**Meeting Date:** October 30, 2023  
**Time:** 5:30pm

#### **External Participants:**

Tim Swift – Service Team Lead – SunDog  
David Klick – Retired Kishwaukee College Computer Information Systems Professor  
Vicki Klick – Distinguished Member of Technical Staff – Nokia Corporation  
David Kornfeind – Technical Computing Specialist - INEOS Aromatics  
Adam Larsen – Assistant Superintendent - Oregon Community Unit School District 220

#### **Internal Participants:**

Chase Budziak – Dean of Instruction  
Jescelynn Gibbons – Associate Dean of Instruction  
Paul Gullman – Computer Information Systems Faculty  
RJ McGarry – Executive Director of Campus Operations and Technology  
David Wessel – Adjunct Computer Information Systems  
Catherine Macias – Minutes

#### **I. Program Update – (Budziak & Gullman)**

- a. Fall 2023 Enrollment
  - College up 9.4% since last fall
  - CIS up 175 credit hours (+33%) since last fall
- b. Program Faculty & Staffing – (Budziak & Gullman)
  - Faculty Computer Information Systems Instructor Paul Gullman
  - Associate Dean Jescelynn Gibbons
- c. Student News – *Gullman*
  - Students are interested in Cyber/Network Security and respond well to asynchronous teaching modalities
  - Most CIS students work full-time
- d. Facilities, Equipment, and Supplies
  - Paul, Phil, and R.J. have been collaborating in developing and creating a lab space with repurposed equipment from the IT department to provide server space for online and on-campus students
  - CIS courses are all online asynchronous

- Instructor Paul Gullman hosts synchronous recorded sessions for students to join live
- Videos posted on learning management system for students to review

## II. Employer Feedback & Discussion

### a. Industry Update

- The committee suggests teaching version control while using programs such as Bash, Python, and PowerShell
  - Version control was only taught once previously in Software Engineering
  - Would have been useful in WebDesign and higher-level Programming courses
  - Committee suggests that it is vital for students to learn before entering the workforce
- Continue teaching basic concepts in web design and programming
- More focus on the social aspect of programming; working on a code in a way that you're a good steward of the tools you have and working together as a team
- Python Application – embedding it into the classes

### b. Curriculum

- CIS-283 Network Security vs. CIS-285 Cybersecurity
  - Instructor Paul Gullman compares both courses and shares with the committee members that both courses have an overlap in content as well as student learning outcomes. He proposes to the committee the idea of consolidating CIS-283 and CIS-285 courses.
  - The committee shares that the CIS 283 Network Security course is more useful to businesses than the CIS 285 Cybersecurity.
- Dean Chase Budziak proposes to the committee to revisit combining CIS 283 and CIS 285 in spring 2024 and investigating continuing the Cybersecurity Specialist Certificate
  - The committee agrees to revisit at a later date
- CIS AAS – Network Fundamentals: Core course? Sequence?
  - Dean Budziak shares that CIS 140 Network Fundamentals is not considered essential for every CIS student
  - The committee agrees that CIS 140 Network Fundamentals is useful but not essential

### c. Course Modalities

### d. Online Test Proctoring

### e. Employment Opportunities/ Internships

- Committee shares version control is valuable training in second year courses for students.