

OREGON COUNCIL OF COMPUTER CHAIRS

Spring 2023 Meeting
Friday, April 21, 2023

Presiding: Andrew Scholer, Chemeketa Community College

Attendees:

- Andrew Scholer (CCS)
- Brett Jeter (OSU)
- Brent Wilson (GFU)
- Danielle Safonte (OSU)
- Gayathi Iyer (PCC)
- Jamie Mason (SWCC)
- Jennifer Goudreau (LCC)
- Karla Fant (PSU)
- Kathleen Freeman (UO)
- Ken Swartwout (COCC)
- Maggie Vanderberg (SOU)
- Marc Goodman (PCC)
- Mark Jones (PSU)
- Phil Howard (OIT)
- Rocco Charamella (PCC)
- Shawli Sengupta (PCC)
- Tim Harrison (EOU)
- Tyler De Adder (OSU)
- David Blunck – Associate Dean for Undergrad
- Brian Mills – Assistant Dean of Curriculum

NEWS FROM THE COLLEGES

Linn Benton Community College - Joseph Jess

- Notified that the school is cutting multiple programs including the CS programs and Criminal Justice. There will be a 1 year teach out. Haven't contacted the accrediting body to determine the plan.
- This is resulting in 6 full time faculty being let go in the Computer Science Programs
- Joseph Jess – CIS course
- 2 people on CS – Nora MIS from western intro CC taught most cis networking and security classes
- Zeko – Retirement age – All CIS and Networking
- Dave Becko – All classes
- Jo CS – Transfer Classes
- Email: jessj@linnbenton.edu

Umpqua Community College – John Blackwood

- STEAM Extravaganza Saturday, May 6, 10 a.m. - 3 p.m.
- Created a Certificate in Artificial Intelligence. They are part of a program that where they attended Palm Springs – 6 new classes in AI.
- <https://www.umpqua.edu/college-news/2811-ucc-awarded-grant-for-new-ai-lab-through-new-ai-incubator-network>
- Add on to Cybersecurity Using kits with kinetic Pi-top to engage students.
- New College President Rachel – 1 year understands faculty and is encouraged to work with them.

South Western Community College - Jamie Mason

- Enrollment decline – CS seems fine
- Suspending cybersecurity, lost full time faculty member ASOT in CS .
- Virtual Campus – 11 or 12 schools that funded to build a virtual VR in with requirement that they have VR in classes. Currently used in a Poetry class.
- Blue mountain – Cross register with other cc can sign up with schools at other colleges.
- Got Canvas added

Portland Community College

CS – Gayathri Iyer and Shawli Sengupta

- Enrollment down – Balance between modality. Success rate of online isn't as good but students want to take online.
- Able to hire full time faculty.
- Part-time pool looking good. Decent fit for part-time.
- Opening for a Dean of the division.
- Only community college to split the CS161 class into an A and B version. Students have to pass B to get into CS162. 85% success on A class and mix success rate on B, though 1 online section was a 95% success rate.

CIS – Marc Goodman and Rocco Charamella

- Up 25% over last 2 year period and above where pre-covid numbers. Believes this is partly due to them closing the Computer Application and Web Technologies program and incorporated into Computer Information Systems.
- Trouble with staffing so they can't add sections. They've had 2 open positions with no one to fill. When they do fill a position then someone retires.
- There are 6 - Open Dean positions
- School enrollment is down every term.

Lane Community College – Jennifer Goudreau

- Lane as a school is up 5% Spring-Spring but the CIT department is down 4% trying to collect more data about why we are having a decrease in enrollment.
- We are restoring a Mobile Application Development certificate for 2023-24 school year and then then planning on creating a certificate in Game Design and Data Analytics for 2024-25 school year.

- The business department is working on a Bachelor of Applied Science Degree in Business and it just passed HECC. Still in progress but hoping to get it started in 2024-25.

Chemeketa Community College – Andrew Scholer and Robert Surton

- New people in institutional getting more data
- Lost 3 people under the president from 6.
- Reducing the budget.
- Enrollment is up college wide 6%
- Lowest since early 2000.
- CS is up 22% last spring is last spring was bad.
- Hard to find adjuncts to offer sections
- Largest cohort – 65-70 who finish 260.
- AST in the catalog. 2+ years. So much easier to show plan. Still options for creative classes. More self-advising. Degreeworks. AST – Associate Science Transfer. Options of mTm overlay. Aligns to MTM easily.
- Systems option and Core options for the 2 forks that go to the Universities.
- One of the instructors is on Parental Leave with a New baby

Central Oregon Community College

- Ken Swartwout
- Cis – up 10%
- Cs – is flat enrollment
- Interesting MTM cs is offering in 24-25. Small department. CS205 – MTM creating the outcomes is anyone teaching it? Any resources.
- New hire – teaching some CS – Part Time for 20 years and now full time.
- Jamie, Rob, and Ken looking at 205. Bridge 201 PSU and 271 at OSU. Class if you are OSU/PSU/UO 314. WO 271.

Western Oregon University

- Brianne – Becca came in the fall. Luc Cordova – Willamette university.
Enrollment is down .
- Hopeful for next year. Had to find 5 million dollars in the budget. CS got some cuts. Hiding under with Luc leaving.
- New President. Provost is stepping down. Dean is stepping down.
- Data analytics major in the fall
- Cs info systems and now data analytics. A lot of interest. New so small.

University Of Oregon

- School of computing and data science – new but still in college of arts and sciences. Major in Data Science that started last fall. The other new major – Cybersecurity Major still waiting on HECC. Centers for Cybersecurity. Starting this fall.
- Question is there going to be a meeting like this for Cybersecurity and Data Science.

- LCC – Mentioned 4 year degree. Is it in any other schools.
- OSU 261 is CS260 in the MTM.
- Enrollment – is good. UoO numbers are going up.

Southern Oregon University

- Maggie Vanderberg
- CS – Up 8% spring down.
- Decrease in demand
- Changing how they recruit to the school.
- Hired new CS in Data Science.
- Certificates – leave with a certificate if you can't do Calc classes or higher level CS classes.
- Decreasing the number of divisions to get rid of the number of deans. Stem is merging with Business.

Portland State University

- University wide enrollment is down. –
- Graduate up 20%
- Undergrad drop off
- Admidance for fall is up.
- Transfers are down.
- 1 faculty required and recruited 1 new person so same staffing for the last 15 years.
- Still in a hiring pause.
- Curriculum development. – Looking at but nothing definite on New Majors and Cyber Soft Eng and AI computational linguistics program.
- Changing bachelors – Reduced number of math courses. Now only require 2 from 3 math classes. Not required for admissions. Calc 1 2 or 3 or Linear Algebra - Tech admissions requirements. 2 Discreets. Still need for degree. Approval by faculty senate. Proposing to make the science requirements more feasible. ABEC accreditation departments.
- Switching to CS 205 from CS 201.
- Transferring to PSU – 3rd year. Recommended that they take CS299. 1 credit course to help transfer to PSU. What you expect was covered. CS302 first upper division class. High expectations to be able to program so take 299 class pass/no pass. Data Structures practice lab. Offered every term. Lower division online – as well as hybrid. Means predominately in person. Online components. Have to have webcam and mic. Preparedness issues – Knowledge check quiz. Embedded tutors in the class that if they can't pass they are required to have tutors. Python is the language.

Oregon State University

- Danielle Safonte

- EECS – RSI – Changes from Initiatives to research what courses are maintain the status. Online programs
- Restrictions – Distance education vs Online courses. Instructor presences. Instructors and include graduate Tas are part of the face time. 2 requirements. Live office hours. Improve instructor presence. Department of Ed changed requirements. Course design that they are trying to implement things that meet the requirements that you have to pick 2.
- Limit on the class size vs instructional – 49 person limit course section limit. OSU – Online Ecampus best practice. No requirement classroom size vs instruction presence. Level of engagement expected.
- Share the info
- Brett Jeter
- No problem of enrollment.
- 4500 students between online. 2000 full online students. Full 4 year CS online 2 years ago.
- College of Engineering
- CS Systems option has eliminated physics of calc series but still meeting accreditation because had enough other math and science requirements
- CS Applied 2 specialization – Cybersecurity (had certificate) and now Achievable now and more transfer friendly. AI option that is very specific oncampus and online.
- Change to Engineering+ computation methods class to make it transfer to meet 161 meets 301. Available now. Question ... did I get the number right
- Supplemental Instruction and Tutoring 125 hours a week in CS in tutoring. Programming help desk. That help with all things. Supplemental instruction in 162. Way they do it is they offer to any student week 1. No credit study hours. Facilitated by 3 peer study groups. 10 person SI groups. 2 per campus and one online. Online is python and campus is C++
- 103 is python based.

Oregon Institute of Technology

- Interim chair – Find out next week
- Dean left last quarter.
- President is growing administration.
- Cloud computing and devops made it through and sitting on the provost desk. Approve academic master plan. Northwest accreditation is oncampus next week. Budget issues hesitant to launch a new program. Transfer friendly and ground up.
- Budget reappropriation that means cuts but they don't say cuts.
- 3 program – Has to say Technology . All 190 down to 183 credit. Econ added because gen ed and cut other classes that weren't.
- Retention – 161 – 162 (116) Not getting C or better. Hand selected students that could benefit 1 credit 107 course that helped fill in things they missed in the lower level classes. 107 – defined as a seminar class that they can make it anything

they want. So that they helped them. Didn't save all the students that didn't do well but did save some of the students. 3 hour lab 1 day a week to work with the students. Got a D or an F. It was invitation only. 12 students took it and most passed 126.

- Talking about reconsidering the intro sequence – to CS. Uses C++. Wondering if they cover too much C++ things and not enough programming stuff. Modern C++ not going into the swamps of C.
- Working on modality issues. Klamath falls are fully in person.
- Enrollment holding steady. – Plenty of students but all general ed classes are full. Doing outreach to help. Hired someone in Klamath falls. 2 positions for tenure track in Portland.

George Fox University

- Brent Wilson
- First time here but been watching the minutes.
- Private school in the state. Enrollment – moving up. Took a dip in covid. Radical view – masking.
- Pre-pandemic levels. One FTE – Tenure/non-tenure track (no master)
- BA CS – General track
- Concentration on top of that. Cybersecurity – Rolling out in Data Analytics with collaboration with business.
- Transfers are hard from the private perspective.

Eastern Oregon

- Tim Harrison (EOU)
- Still looking for a President. Have acting Co-Presidents.
- CS – Increase from spring 4%. But decrease from fall. 22% increase in the fall.
- Python for all classes will be complete this year.
- Learning objects are met equally online as they are oncampus. Adjunct weren't doing the job as much as they wanted. So they have a new faculty on campus to work on that.
- Director of Cybersecurity. They have 4 fte and increasing a new one next year. Approved last week

OCCC BUSINESS

- Tools & Platforms Survey - Mark Jones
- Platform Survey
- Put together a survey that what everyone is using
- Going to have a google form and have a spreadsheet with the results so that everyone can get the info.
- Equipment and languages
- mpj@pdx.edu

- Dave Swenson Award
- Presented that provided service to OCCC and have to participate as President. Robert Surton 2 terms as president initial work on driving discussions on outcome in 161 162 and 260. Became the starting point for MTM. Characterizing what those characteristics.
- Portland Community College is volunteering to host. Date: 3-4th week of the term. October 13th 2023.

OCCC Elections

- Marc Goodman was nominated and voted in as President.
- Jenn Goudreau was nominated and voted in as Secretary.

Topic

- OCCC Meeting – In the fall – PCC is set to host.
- Return to a roving model. Hybrid format.
- One in metro area and one further away.
- This OCCC is a meeting that has mainly been for Transfer and more so with MTM.
- OSU has certificates that intended to create the certificate so that the 30 Credits.
- Western has certificates that you have to get a Bachelor. Minors and certificates do not need to go to HECC. They just go to the provost. Certificates are kind of baby minors.
- Chemekka has a Bachelor in Business Leadership. Has to be CTE. There are 300 and 400 and level classes.
- How this group has changed from the intent. Other topics- Data Analytics, Other programs.
- 1 pm topic for next time: Non-cs Transfer group.

Connecting Community College Students To Regional Universities:

- The MTM makes the mechanics of transferring to a distant regional university much easier to manage for both students and institutions. But it does not solve problems around student awareness of different programs. In what ways could we work together to better inform students of the variety of options they have?
- Suggestion of looking at Chemeketa website on information on transferring schools
<http://computerscience.chemeketa.edu/advising/schools/>
- Maggie discusses way to expose students to all the places they can transfer.
- Award funding with degrees with certificates. Building a bridge with the different community colleges.
- PCC they had a panel that orientation advising event a few panels with CS and CIS advising panel tutoring panel 2 hour event, 25 minute for each panel. Virtual event.

Teaching Intro CS In the Post ChatGPT World:

- Let's try to move past "the sky is falling, we need more in person assessment".
How can code generating/explaining tools be used productively in CS education?
- Generative AI
- Does anyone have good ideas on how to leverage it.
- How do we avoid it becoming a problem.
- Ways to use the tool.
- GFU – Added a spec changes within 24 hours before a project is due.