OCCC Meeting Minutes

Friday, October 18, 2019

1. **Location:** Oregon Institute of Technology, Klamath Falls, OR
2. **Host:** Phil Howard

Attendance

1. Robert Surtan *Western Oregon University*
2. Kathleen Freeman *University of Oregon*
3. Karla Fant *Portland State University*
4. Ken Swartwout *Central Oregon Community College*
5. Jonathan Hiatt *Chemeketa Community College*
6. Andrew Schooler *Chemeketa Community College*
7. Cara Tang *Portland Community College*
8. Marc Goodman *Portland Community College*
9. Doug Jones *Portland Community College*
10. Phil Howard *Oregon Institute of Technology*
11. David Becker *Linn-Benton Community College*
12. John Blackwood *Umpqua Community College*
13. Rick Carino *Clackamas Community College*
14. Paul Wilkins *Lane Community College*
15. Jeremy Taylor *Rogue Community College*
16. Troy Lanning *Klamath Community College*

Next Meeting

The next meeting will be:

1. **Date:** April 24, 2020
2. **Location:** Lane Community College
3. **Host:** Paul Wilkins

Summary of Consensus / Decision Items / Action Items

1. **Consensus**: 195 courses will be used for HTML and CSS courses

2. **Decision**: 133 courses are now approved to satisfy AAOT distribution requirements. OCCC course number list will be updated to mark this number in red
3. **Action:** Doug will investigate process needed to change the AAOT Appendix E requirements for Computer Science courses, and will report back next meeting.
4. **Action:** Doug will contact member institutions and update contact lists for OCCC.

Roundtable Discussion

- **Clackamas Community College**

  1. No word on Applied Baccalaureate degree
  2. Program is stable. Continuing work on Transfer degree.
  3. Working on Networking and Web degrees next

- **Umpqua Community College**

  1. Enrollment is stable. 90 or so students in the program.
  2. Working on Cybersecurity AAS
  3. Working on Drone program.

- **Oregon Institute of Technology**

  1. SOU will not be able to attend today
  2. Enrollment numbers are up a bit
  3. Retention seems better - SO and JR classes bigger than expected
  4. Hired two new folks, and found an Adjunct who can teach software classes.
  5. Open position for new faculty in computer technology
  6. 2 + 3 degree for Cloud Development developed
  7. Cybersecurity program starting in Fall in Management Department (IT version of cybersecurity)
  8. ABET is piloting 2yr certifications for Cybersecurity programs - PCC is looking at this
  9. Data Science degree starting in Fall. Owned by Math Department but many CS courses. 116, 126, 136, and 211 data structures will be part of Data Science. C++ at present, but may go to a different set of courses (Python, etc.).
  10. Likely program rename from Engineering Tech to Engineering. Decision not final at this time.

- **Rogue Community College**

    1. All students required to take Introduction to Computer (120 or other)
    2. RCC will not offer Applied Baccalaureate degrees

- **Klamath Community College**

    1. New Cybersecurity program is under way
    2. Enrollment is up for CS degree

- **Chemeketa Community College**

    1. Continuing enrollment decline - 4% or so overall
    2. CS is down slightly
    3. Jessica Howard is new CCC President
    4. Reorganization of Math and CS Division occurred.
    5. Approved to hire new FT position in CS. Will be posted in November. Will teach all CS courses.
    6. Approved to hire new FT position in CIS. Focus is Cybersecurity. Position closed - doing interviews now.
    7. Discussing Applied Baccalaureate in Cybersecurity, Nursing, and Childhood Education. Discussions only at this time.
    8. KCC is trying a Nursing AB

- **Portland Community College**

    1. Reorganization in progress at PCC. New Dean, new Division for Computer Science and Computer Information Systems.
    2. Internal discussions about Applied Baccalaureate but no decisions announced.
    3. College-wide enrollment down. CS enrollment down a bit.
    4. Cybersecurity AAS degree offered.
    5. Artificial Intelligence program being developed. Possible Applied BA.
    6. General Education being re-designed at PCC, with Fall 2021 implementation target. PCC Gen Ed courses will align with and assess discipline-area outcomes, and all PCC Gen Ed courses will satisfy AAOT distribution requirements.
    7. CAWT (Computer Applications and Web Technologies) program cancelled at PCC, teach-out in progress. Some elements (e.g. web development) will be "re-homed" at PCC.
    8. ACM Notes from Cara Tang:

- SIGCSE 2020 will be in Portland: March 11 - March 14
- CC 2020 report (updating 2005) shift from knowledge-based to competency-base.
- CC 2020 adds two new areas: Data Science and Cybersecurity.
- CS 2013 being updated: adding AI and Machine Learning
- ACM has access to ACER student data from the National Student Clearinghouse as part of broader EngageCSEdu and teaching resources projects. 925 institutions offer BS in Computer Science, overall retention is 76%. Unsure how this is measured.

- **Central Oregon Community College**

  1. COCC has a new President - Dr. Laurie Chesley
  2. New Dean in CS Department
  3. Enrollment is down, but less decline than projected.
  4. CS is down a bit from past high, but strong
  5. Implementing College-wide Guided Pathways
  6. No plans for Applied Baccalaureate degrees

- **Lane Community College**

  1. CIT enrollment up 7%, while overall College enrollment is down.
  2. Cybersecurity starting this year.
  3. Focus areas for Lane: Cybersecurity, Game Development, Programming, Network Operations, and Transfer.
  4. Looking at Network Operations Applied Baccalaureate - discussions only at this time.
  5. Doing outreach to High Schools on CS 160 - bringing HS teachers in for training
  6. 7 FT faculty, 2 pending retirements. Probably will be hiring next year.

- **Portland State University**

  1. Mark Jones is new Department Chair
  2. Continuing to try to hire tenure-track faculty. Using 3 non-tenure track faculty to cover courses in the interim.
  3. Data Science degree is starting in Math Department.
  4. Enrollment is up
  5. Admission is competitive to CS program.
     - 3.0 GPA calculated over all attempts at lower-division courses
     - Starting next year, Ws will affect GPA calculation.

6. Proficiency Demonstrations
    - Last Fall 67% passed. Last Spring 61% passed, so a slight decline in pass rate.
    - Number of students taking PD is declining: 153 applications for Fall term, 87 applications for Winter term admission.
    - CS 202 enrollment is increasing at PSU.
    - PD applicants have good Linux skills, good working knowledge of command line, and know how to use gdb.
    - PD applicants are weak in program design skills, and are not able to trace through a problem to understand where code went wrong.
    - Cause of most outright failures is inability to write C++ code: lack of knowledge of syntax.
7. Applications
    - Students need to take CS 202 **before** application - grade needs to be on transcript (starts Fall). CS 201 can still be 'in progress'.
    - October deadline moving to September 1
    -
8. High performance computing / parallel computing material now included in sequence, starting with CS 162. CS 162 has introductory material, Open MP used in CS 163, and CS 202 has advanced exercise.

- **University of Oregon**

    1. Enrollment is up for Fall term, but generally steady for 3 years or so
    2. Cybersecurity and Data Science are happening. Data Science will not be housed in any department, rather it will be an initiative with CS, Math, and domain departments.
    3. UO admission policy is that students do not need a specific GPA, but rather a B- or better in all lower-division courses. UO does not allow repeat of courses when C or better is earned (waiver possible). Students limited to 3 attempts at a course (W's included).
    4. Hiring 1 teaching track faculty at UO due to retirement.

- **Linn-Benton Community College**

    1. Cybersecurity is a big part of their program.
    2. Enrollment generally stable - CTE up, Transfer down a bit.
    3. President is leaving after 8 years. Other personnel leaving as well.
    4. Web Development program suspended. Graphic Design program will host HTML courses.

- **Western Oregon University**

     1. Overall enrollment down about 5%
     2. CS enrollment stable.
     3. Adding transfer agreements with MHCC and LBCC

Discussion on Gen Ed / AAOT Distribution Courses

PCC is redesigning its General Education program, and one new PCC requirement is that PCC's Gen Ed courses also must satisfy AAOT requirements in their Discipline Studies area. OCCC maintains the list of Computer Science courses that can be used to satisfy requirements in the Science/Math/Computer Science area, and discussion occurred regarding how courses were selected, and what criteria were or should be used when deciding whether a course satisfies AAOT requirements.

PCC asked the OCCC to consider designating 133, 122, and 121 as courses that satisfy AAOT requirements. After discussion, no unanimous decision was reached. A majority decision was made to approve adding 133 to the list of approved AAOT courses. No decision was made on the other courses, and discussion will continue at the next meeting.

The larger issue of what requirements Computer Science courses should satisfy as transferable General Education courses in Oregon was raised. No consensus was reached, but some OCCC members offered that the current requirements listed for Computer Science courses in [Appendix E](#) of the [Oregon Community Colleges Handbook and Planning Guide](#) are not appropriate and should be revised. The Chair was charged with finding out about the process for making any such change and reporting back to the group. No changes have been proposed at this time - the action item is only to identify the process for changing the requirements should the OCCC move to do so in the future.

The discussion also touched on several administrative issues related to OCCC's operations, namely By-Laws to determine how decisions are made (including quorum requirements), management of meeting minutes, and participation by all stakeholder groups. Some concerns were raised that decisions can be made without some schools being represented at an OCCC meeting, and non-unanimous decisions may not be supported by dissenting institutions. There appear to be no clear guidelines on quorum requirements at the OCCC or how voting should be conducted or resolved when there are contentious issues.

OCCC may decide that intentional informality is preferable to a more structured

process. These administrative and procedural issues will be discussed further at the next meeting. The Chair was charged with contacting member institutions and updating the membership lists to try to ensure that all interested stakeholders participate in the OCCC's deliberations.