

OCCC Minutes April 21, 2006 University of Oregon

Presiding: Bob Broeg, Western Oregon University

Attendees: If you were there and not listed below or if you are listed below and were not there, please notify Ron Wallace (rwallace@bluecc.edu).

Ron Wallace - BMCC	Linda Anderson - CkCC	Debra Carino - CkCC	Steffan Moller - CkCC
Sue Goff - UCC	Cynthia Brown - PSU	Jack Fassel - MHCC	David Todd - MHCC
Dan Wilson - SOU	Linda Loft - LCC	Linda Carroll - LBCC	Dodi Coreson - LBCC
Mark Bony - RCC	Peter Casey - COCC	Ginnie Lo - U of O	Chris Wilson - U of O
Jane Ritter - U of O	Mitch Fry - ChCC	Sherry Yang - OIT	Jay Bockelman - OIT/PDX
Bob Broeg - WOU	Mike Johnson - OSU	Ernest Brown - OCCC	Diana Schab - SWOCC
Walter Morales - PCC	Taylor Hanna - PCC	Marty Murray - PCC	Susan Boyanovsky - CCWD
Peggy Weems (LBCC - retired)			

Minutes

Introductions and Campus Updates

- **Western Oregon University** (Bob Broeg): The good news is that there was no faculty strike. Secondly, information was given about the ETIC taskforce that is looking at ways to increase enrollments in computer

science programs. Both Bob and Cindy Brown (PSU) are on the task force. There were copies available of the Get Real poster developed by the task force, and all were invited to take copies and to request more copies if needed.

- **Chemeketa CC** (Mitch Fry): CS 160 is now online and enrollment in the transfer classes is up. They are hosting a Salem high school workshop and technology fair. Don Domes (Hillsboro High School) is a contact person. They are also offering a new class in gaming. The class is CS 133g; it is 4 credits and has no prerequisite. They are using Game Maker software, which is free (<http://www.gamemaker.nl/>).
- **Linn Benton CC** (Linda Carroll and Dodi Coreson): They are trying to connect with more high school students by having an instructor teach a class at Philomath High School. Students in the class will get LBCC credit. Their department is highlighted on the Spring schedule that is mailed to all residents of Linn and Benton counties. They are having their 10 year reaccreditation visit next year.
- **Umpqua CC** (Sue Goff): The faculty has recently voted to unionize. They are changing the course number of CIS 131 to CIS 120.
- **Lane CC** (Linda Loft): The department is up about 10% in enrollment even though the college as a whole is down. They also have started a CS 133g class that teaches C++ for gaming. They still use Java for CS 161, but they are working on CS 233g as an alternative pathway to CS 260.
- **University of Oregon** (Ginnie Lo): They are trying to have a more interdisciplinary major, and have added three new tracks that feature Business Information Technology, Computational Arts, and Computational Biology and Bioinformatics. They also have tracks in Networking, Database and Informatics, Software Development, and Foundations, and each student chooses a track. They have a game design class at the senior level and collaborate with the Art department for the class. *The Science of Computing*, CIS 170, chooses a theme each year. This year the theme is Bioinformatics.
- **Rogue CC** (Mark Bony): Enrollment is up 15% from last year, mostly in online classes. They are also offering a *Survey of Gaming* class using Game Maker, Maya, and 3-D graphics. They are developing a 1 year certificate in web design and a 2 year certificate in web development. They have 10 students in CS 162, up from 6 last year. Other members commented that they would not be allowed to keep classes that small, but Mark stated that Rogue wants to keep its transfer program going. Asked if the online students are new students or ones who would otherwise come to campus, Mark responded that it was a mixture: Some online students are out-of-state and some are local. In addition, their networking program is now online.
- **Oregon Institute of Technology** (Jay Bockelman and Sherry Yang): Jay Bockelman: OIT Portland is exploring game programming as a way to

interest students in Computer Science and as an alternative methodology for teaching computer science topics. This is an idea suggested by the professional organizations ACM and IEEE. He is currently teaching a gaming class at Benson High School. Jay asked if anyone was using e-marketing for their program and, if so, how was it working. OIT Portland was working with a marketing firm to develop one. There did not seem to be a response to his question. OIT is working on their self-study for their reaccreditation visit next year. Sherry Yang: OIT Klamath Falls is in the final stages of an NSF scholarship program. They are focusing on attracting women to Computer Science, and they have 22 scholarships available for women. Sherry expressed a concern that the emphasis on gaming may dissuade women. It was mentioned that a popular game is SIMS and many 10-12 year old girls play it.

- **Central Oregon CC** (Peter Casey): COCC is looking at a decrease in state funding. They have a computer literacy exit requirement for all two year degrees. This can be satisfied either by taking CS 120, CIS 131 or passing two of the three sections of the IC3 exam. The exam costs the student \$30, where \$25 pays Certiport for the exam and \$5 for administering the exam. For more information on the test see <http://www.certiport.com>. The health programs are being reorganized under the same division as CS/CIS, so there is interest in offering medical information classes.
- **Blue Mountain CC** (Ron Wallace): BMCC now has a computer literacy requirement for all 2 year degree programs. The requirement can be satisfied in one of three ways: passing CS 120 or BA 131 or by passing the IC3 preparatory test that is provided by Teknimedia in partnership with DDC Training Services. There is a cost of \$200 for the test software per machine, but any number of students make take the test from one machine (there is also multi-machine networking pricing available). For more information on the test, see: http://www.teknimedia.com/html/ic3_preparation_tests.html.
- **Mount Hood CC** (David Todd and Jack Fassel): CS and CIS were split into two different divisions. CS 160 has increased from 12 to 30; and CS 162 has 17 students, which is an increase from last year. David is restructuring CS 161 and CS 162 (both taught in C++) to use an objects first approach. Jack is now teaching CS 120 because of the demise of the electronics department, and he will be attending the Oracle Academy this summer since he will be teaching Oracle classes in the fall. Any help with CS 244 would be appreciated as it is schedule for fall quarter. In addition, Mt Hood is creating summer packages of classes for the "Pathways to Success" program.
- **Portland State University** (Cindy Brown): PSU had its 10 year accreditation and 6 year ABET accreditation visit in Fall 2005. The official results will be published in summer, but the expectation is that everything went well. CS enrollments are up from last year, and the

department is looking at adding gaming to the curriculum. The department is developing a new general education theme based on living in the digital age. The School of Business has added a required CS course—CS 106, which covers Visual Basic programming. Student transferring from the community colleges to the College of Business should take CS 133VB.

- **Clackamas CC** (Linda Anderson, Debra Carino, and Steffen Moller): The big news is that Linda is retiring at the end of this year, and Debra will be taking over her area. CS enrollment is holding steady. They have developed a computer placement exam based on a series of IC3 computer literacy exams that is used to place students into CS 90 or CS 120, and they are now in the final stages of approval for new degree programs in web design and web development. Linda reported on a meeting on outcomes for AAOT categories. There was no opportunity to introduce a new computer literacy component for the AAOT. She posted the URL for an OUS discussion forum (<http://www.ous.edu/forum/viewforum.php?f=1>) and urged everyone to post comments to this forum on the need for a computer literacy requirement for the AAOT.
- **Southwestern Oregon CC** (Diana Schab): Enrollment is down, and they are looking at ways to revamp the curriculum. In addition to looking at the high school pathways program, they are offering their Dream Weaver class (CIS 125 DEV) to high school teachers in order that SWOCC can offer CIS 125 DEV in the high schools as a self-study lab that is monitored by the teacher who have taken the class.
- **Portland CC** (Marty Murray, Taylor Hanna, and Walter Morales): All CS classes are now online. Overall, enrollment is steady: it is up in the online classes, but is down in on-campus classes. It was reported that the second year online students are more mature and have a better retention rate than the first year online students. Because of the steady enrollment, they were able to not only avoid downsizing, but to rehire two faculty members who had been laid off. The advisory board has recommended a project management class. They taught a new security class this year and will teach new wireless and forensics classes next year. It was reported that Mary Murray will be officially replaced as the Division Dean at the end of the year, having been retired now for two years. The new chair of the CIS department is Taylor Hanna. It was also reported that while Oracle software may be free, the maintenance costs make it expensive to run.
- **Oregon State University** (Mike Johnson): The total number of credits to graduate has been reduced from 192 to 180. CS 275 *Database* is now a required class. CS 161 and CS 162 will still be taught in Java, but CS 260 will be taught in C (not C++) beginning in the fall. The CS 260 class will be taught by Tim Budd, who has experience in writing textbooks in one language for people to know another (e.g. C++ for Java Programmers). They will still accept CS 260 in Java, but students must take a C/C++

class or learn C on their own before taking 300-level classes. New faculty have been hired in the areas of Graphics, Networking, and User Interfaces. Mike asked that everyone reply to John Shea's request for names of the faculty who teach the transfer classes.

- **Southern Oregon University** (Dan Wilson): The Computer Security track is evolving into a Computer Forensics track. This is partly because the US Fish and Wildlife department has a large forensics lab in the Ashland area and there is a state crime lab in the area also. Another new area of development is computer software for speech recognition. A faculty member is doing research with Indian tribes in California to preserve languages that are in danger of being lost because of a lack of fluent speakers. Young people on tribal lands are using the software both to preserve and to learn tribal languages and are increasing their interest in Computer Science as well. SOU is now arranging distance learning modules with several northern California tribes.
- **Oregon Coast CC** (Ernest Brown): Their curriculum follows that of Chemeketa since OCCC is accredited through Chemeketa as a distributed campus. They are now building in South Beach and are planning to build in other locations. They are re-offering the CISCO academy in a distance learning mode and are working on a new web design curriculum using Adobe Creative Suite II.

Meeting Business and Announcements

- The second annual OCCC David Swenson award was given to Ron Wallace of BMCC.
- The Fall meeting will be October 20, 2006 at Portland State University. Dr. Cindy Brown, chair of the Computer Science department, will be the host.
- After lunch, several faculty members from the University of Oregon made short presentation of their current research. These areas included Wearable Computers, Bioinformatics, the DinoMorph Project, Network Research, and Neuroinformatics.
- There was a discussion about the name of CS 160. Currently it is titled *Orientation to Programming*. It was agreed to change the name to (*Survey|Introduction|Orientation*) to Computer Science.
- It was agreed that the name for CS/CIS 120 would be either *Computer Concepts I* or *Survey of Computing*.
- It was agreed to add an 'X' to the course number CS/CIS 235 *Advanced Software Applications*.
- It was agreed to add CS/CIS 171 *Assembly Language*, CS/CIS 233x *Computer Language II*, and CS/CIS 234x *Computer Language II* to the list of classes that can be applied to the Science/Mathematics/Computer Science Distribution requirement of the OTM and the AAOT.

- Most of the remainder of the meeting revolved around issues raised by Susan Boyanovski of the Department of Community Colleges and Workforce Development.
 - Susan asked for help in determining which classes to approve for the colleges. It was decided that brand new course numbers should be approved at a meeting of the OCCC. The special topic numbers 199 and 299 can be used if needed on a temporary basis between meetings. The repackaging of existing classes can be handled by the list server. It was stressed that course outcomes should be part of any submission for new classes.
 - Susan requested a list of course outcomes for all OCCC approved courses. The CIS 101 sequence was specifically mentioned. There was a discussion as to number of outcomes necessary per course, and it was agreed that 3 to 5 should be sufficient in most cases. It was agreed to send Susan the outcomes for CS 120, CS 160, CS 161, and CS 162 for as a starter. These can be mail to her at Susan Boyanovsky <Susan.J.Boyanovsky@state.or.us>
 - Susan reported on some recent legislative initiatives, both pending and approved. Those who are interested in the details can request a briefing paper from her. Among the topics of these bills are the governor's "Educational Enterprise" proposal, the goal of which is to better connect educational systems and to provide for seamless transfer. There is a movement for the development of an electronic transcript that is based on the Banner system. This would also include data about financial aid packages. \$600,000 has already been allocated for this project.
 - Susan stated that there are currently 4,000 students who are dual enrolled at a community college and a university.
 - There was more discussion on a computer literacy requirement, or rather the lack thereof, for the AAOT. When the JBAC committee revised the AAOT, they did not provide for a computer literacy requirement, and there does not seem to be a process by which categories of the AAOT can be expanded. We were again urged to post comments on the discussion forum's web site (<http://www.ous.edu/forum/viewforum.php?f=1>) and it was decided to form a subcommittee to write a position paper on the need for a computer literacy requirement and submit it to JBAC. The paper would also include a working definition of computer literacy, and David Todd suggested the book *Being Fluent With Information Technology* (<http://fermat.nap.edu/books/030906399X/html>) as a good reference. The members of the subcommittee are David Todd, Mitch Fry, Ron Wallace, Cindy Brown, and Bob Broeg.

Meeting notes submitted by Bob Broeg, with input from Cindy Brown and

Linda Loft.
