OCCC Minutes
April 29, 2005
Portland Community College, Sylvania Campus

Presiding: Peter Casey, Central Oregon Community College

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	Dave Todd - MHCC	Art Schneider - PCC	Walter Morales - PCC
Susan Boyanovsky - CCWD	Sherry Yang - OIT	Delyse Totten - PCC	Ron Bekey - PCC
Mitch Fry - Chemeketa	Jay Bockelman - OIT/Portland	Lynn Montoya - PCC	Cynthia Brown - PSU
Nick Molatore - Clackamas	Mike Johnson - OSU	Mike Neal - PCC	Diana Schab - SOCC
Linda Anderson - Clackamas	Terry Foty - PCC	Jim Straight - PCC	Jim Fuller - TVCC
Peter Casey - COCC	Colin Goble - PCC	Maureen Wright - PCC	Sue Goff - UCC
Jerry Ross - LCC	Marty Murray - PCC	Annie Groeninger - PCC	Jane Ritter - UO
Linda Loft - LCC	Mike Talbert - PCC	Li Liang - PCC	Bob Broeg - WOU

Minutes

Business:

HOST: Portland Community College

Meeting called to order at 9:00am.

Chair Peter Casey went over the agenda. Mike Johnson's report was moved to the top of the agenda, due to Mike's schedule. Mike asked for the next meeting to be held at OSU in the new Kelly Engineering Center to be ready by August. Fall meeting was agreed to be held at OSU on Oct. 21 st, 2005. Guest wireless accounts will be available.

Reports from schools:

OSU - Mike Johnson

The College of Engineering has been told to reduce the number of credits for graduation from 196 to the University's standard 180. They will be dropping the CS151 requirement (introduction to programming using C). However, they will still be teaching the required Data Structures courses in C. Students will have to learn it as part of the class. The CS161 and 162 will still be taught using Java. OSU is developing a new, online GIS certificate housed in the GeoPhysics dept. and is creating a new Informatics BS program. A larger % of students are now comings as transfers from the community colleges than in the past.

PSU – Cindy Brown:

PSU has hired 10 new faculty, all transferring from OGI. They now have a big emphasis on computer security and networking and are interested in expanding their Open Source curriculum in software Engineering. They are joining with OHSU to create a new BioInformatics Program where a student receives a CS BS degree and then a 5 th yr MS from OHSU. Enrollment took a big drop this fall, but had been holding steady in the previous years. PSU has a 400-level class in game software, but it is offered only summers when an adjunct faculty member is available.

Clackamas – Linda Andersen, Nick Molatore**:**

The enrollment has drop drastically in the hardware courses, but there has been an 67% increase in Web development and Application development. The Enrollment drop is 14% overall, and 18% in CUS & application classes. Students are getting the most jobs in website development. They are using art classes to augment the degree because they aren't creating new courses due to budget factors. They are thinking about a new Home networking class for general interest. The minimum enrollment to run a course is 14 except for the adv., end-of-program courses. For online courses, there is an enrollment cap of 20.

Chemeketa CC – Mitch Fry:

They offer programs in Networking, Computer Support, Programming, and CS transfer. Their big drop has been in the Programming program, not in User Support. They are beefing up their Programming degree with special web classes and some very strong database classes.

LaneCC – Linda Loft, Jerry Ross: (sorry, no notes taken on our conversation)

Lane reported on the new, first year curriculum Core and the work being done on mini-certificates. They are also trying to increase their 2+2 articulation with the high schools and looking for other ways to recover from their previous drop in enrollment.

PCC – Marty Murray, etc.:

Last year they combined the CS, CSE, & CIS departments into one group. But the combined faculty group was too large to accomplish what they wanted so have re-split into CS and CIS. They have just riffed 5 CIS faculty last month and it is still chaotic . They are looking to eliminate the office technologies and media systems chair positions. All administration for the Computing areas has been consolidated at the Sylvania campus. However, jobs are now coming back into the Portland area, with about 20 new jobs being posted per day. The administration is questioning why there are both credit and non-credit versions of things like CISCO, ORACLE, .NET. They are getting pressure to combine credit and non-credit.

They haven't had much luck with highschool articulation. They feel that the current process (credit by exam, credit by experience – portfolio) is handling what is needed. Although they do have some occasional 2+2 students with Newbery and Sunset High.

The Computer Software Engineering program is being phased out. They are arranging with OIT-PDX to teach-out their remaining 8 students. They are working on a gamming curriculum in the CS area. A beginning course to attract new students and an advanced course positioned at the end of the CS curriculum so that students could transfer to 4-yr schools with CS Gamming degree programs. There is a national organization which has produced curriculum guidelines. The Art Institute of Portland has a BA in gaming software. There are very high requirements in Networking, C++, Art, Math, Optics, and Physics.

They wanted to know if others are finding that the online sections are taking away enrollment from the in-class sections. They have a beautiful, brand new building, and no students want to come to campus. Because of budget cuts, they are taking away the extra faculty pay from online classes and eliminating the small seat loads. They are talking about creating a faculty oversight committee for quality control. And they are doing more 'blended' sections where a faculty member has two sections of the same course, one online and one in-class, and students can 'float' between the two sections. Hybrid courses are those that must meet on campus a certain % of the class.

They have just finished a 6-month process of creating outcomes for the CS120 & CS121 courses. They are trying to create a multi-discipline web-multimedia degree from their two 1-yr certificated in e-Business and Web-development. But recognize that students need to have more depth.

BMCC – Ron Wallace:

They are hiring a new VP for instruction. They've had 3 presidents in the past 4 years. They are finally giving students email accounts from the primary college communication system. By fall, all students will have logons with network space. They are working on wireless student access. Computing enrollment is down 9.5 %, with CS120 down 22%. They alternate years for the CS programming courses and the web development courses.

OIT PDX – Jay Bockelman:

Enrollment is steady but small. They are focusing on more multi-discipline courses with electrical engineering.

UmpquaCC – Sue Goth:

They have 3 full-time faculty, and average15 CIS grads/yr and 2 CS grads/yr. The college is in the process of reorganizing again and they are on their 5 th President in 4 years. They are reviewing their programs and are thinking of adding a customer service program.

SWOCC – Diana Schab:

SWOCC's enrollment is dismal. They have been very active with the high schools, and coordinating transfer for the CISCO and A++ curriculum. They are also establishing 2+2 with high schools which

are purchasing canned curriculum for industry certifications. If students pass the certification licensing and present a portfolio of acceptable work SWOCC will transcript the work as 2+2. This relieves both the high schools and the CC from doing the testing. These come from INET and CIW for web development. Outside of the CISCO and A++, the high schools don't have faculty to teach other areas, so the purchased, canned curriculum works well. The high schools want to have the 'glitzy' classes, but won't provide the pre-requisites. They have 800 credits in CAS with the high schools. The annual Skills day is a big PR for the computing program. They have challenge exams(credit by exam) for CIS101 and CIS131.

OIT K Falls – Sherry Yang:

They are again exploring more online classes. All first year classes are to be put online including the CS161 sequence programming classes. They use C++ in their courses. Also CS 101 and the computer organization course will go online. Their big enrollment drop was two years ago, and they are currently steady. Their online classes are run on a self-support basis, and therefore allow them some extra money.

COCC – Peter Casey:

The enrollment is flat, even with Bend's huge population increase. Because of the new state funding model for CC's, COCC stands to lose considerable funding. They are looking at a 6-yr slide down in budget and are trying to figure out how to teach with less money. They are thinking it terms of hybrid classes, doubling the enrollment and hiring TA's to grade. Faculty would still be doing the curriculum development. They are doing 2+2 with 120 local high schools. The high schools must 'buy=in' to the curriculum and assessment tests from COCC. Most of the schools don't want to do that. COCC is pushing a lot of effort in assessment and outcomes. Wireless, email accounts, and online classes are very popular. Their current contract calls for 1.5 pay for online classes, so the administration is trying to redo that. The enrollment limit for online classes varies by department, CIS is 30, but History is 50. They are trying to create an assessment mechanism looking at the quality of online courses. Peter highly recommended PC tablets as a wonderful tool for grading papers electronically. Handwritten notes are scribed directly on a student's work and emailed back. Students must be running WinXP to see the ink.

TreasureValleyCC – Jim Fuller:

(No comments)

UO – Jane Ritter:

UofO is finally developing multiple tracks in CS. They are: 1) the original "grad. School" track, 2) Networking, 3) Biology & other sciences, 4) IT-Business, and 5) Multimedia. With current budget cuts it's hard to maintain courses and faculty for all these specialties. They are hoping these tracks will all be available this Fall and are looking to put transfer agreements in place with the CC's for these tracks.

WOSU – Bob Broeg:

Western is finishing aligning its course numbers with the state-wide numbering system. Because OUS changed their budget model, WOSU was caught with extra rainy-day funds they were told to spend down. This gave them enough money to build a new network lab. They are using Java in the Data Structure course. They have also been looking at gaming software development. The organization producing the curriculum framework is the International Game Developers Association. Their main web page is at www.igda.org. And, the curriculum framework is found at www.igda.org/academia.

MHCC – David Todd:

They are shutting down both the electronic and aviation technology programs (housed with the computing programs). They are looking as repurposing the electronic labs for the CISCO classes. They are still shaving classes and hoping they have reached the enrollment-drop bottom. The network and web programming sequences really dropped. They still have a single degree as CIS. Their CS courses are struggling. There are a few restructuring problems still going on. In order to teach online courses (or any course where 25%+ of the material is online), faculty must complete two classes on online teaching methods. Their online enrollment cap is between 15-28.

RogueCC – Maureen Wright:

She is new this year, and just wanted to hear from other folks.

DISCUSSION:

- Legislative News: Susan Boyanvoshy (Elaine Yandel-Roth has retired) talked about the articulation push by ETEC and the

Chancellor's office. There will be a Summit/ Conference this Sept. 15-16 called "The Unified Strategies for Engineering & Computer Science Articulation". ETEC's budget for 'pre-college' will now include the Community Colleges – which means that we'll finally get a piece of this $$ pie. The Levelson Foundation is giving $100,000 to ETEC for transition pathways development. (Bruce Schaeffer is leading this cause). Mini-certificates were also considered a piece of the pathway development. The American Society for Engineering Education with hold it's next conference in Portland, OR.

There are currently a couple bills in the House and Senate regarding articulation. S342 is about transfer credits, revising the AAOT, developing outcomes, and building "pathways" for course transfers including Prof/Tech credits to transfer to 4-yr schools. (Currently the education discipline area is doing the most development along these lines) H2919 is for funding pathways in grades 11 & 12. There will be a Summer Academy on Pathways (high school – community colleges – OUS) to take place June 28-29 th at LaneCC. This bill also tags a $1500 Corporate tax refund for educational benefits.

- CS0 discussion: Most schools have a Math111 pre-requisite for this course. Chemeketa, WOSU, COCC, Mt Hood and Umpqua are all using the Brookshear book. Most schools have at least 3 weeks of programming in the course. Chemeketa uses Alice – a language developed at Carnegie-Mellon, and really likes it. UofO highly recommends the course before taking the CS1/CS2 courses. Clackamas uses it as an intro to the professional/technical programs also.
- High School approved Hi-Tech Programs: Susan Boyanovsky talked about these programs to be looked at for "pathways". They are part of the CAM. To look at them go to: http://sss.ode.state.or.us/data/stats/opte/rptprog.aspx and look at the links for 1)# approved programs /where/courses, 2)concentrators (enrollment), 3) articulation (dual credit with tech prep).
- Computer Literacy courses – CS120, CIS101, CIS131. Much discussion with little resolution. Chemeketa has a problem with overlap between CS120 & CIS101. PCC has no applications software in CS120 to resolve the conflict. COCC's overlap is between CS120 and CIS131 where the labs are similar but the CS131 lecture is more MIS concepts with a little more Excel emphasis. WOSU's CS120 has all concepts, no labs. Discussion involved whether literacy classes – especially those that are

basically applications should carry science credit. At PSU any CS class is considered to carry science credit. At WOSU any CS120 & above class is science credit. The Dept. of Ed. Office of Community Colleges currently labels transfer science credit only for the following courses: CS120, 121,122, CS160, 161,162, 260, and CS171, 271. (Individual colleges determine courses carrying science credit for their degree programs only) Both ETS and NRC are developing Computer Skills Competencies Tests. Clackamas advocated for Computer Literacy as part of the AAOT. Susan Boyanovsky said the State Dept. would be delighted if the group would come up with performance measure for computer literacy.

- Database foundations vs CIS125D. COCC was having issues regarding database theory preceding actually building databases in CIS125D. SWOCC recommended having CIS125D followed by CIS135D with some theory interspersed.

- Credit vs Non-Credit course: An issue for PCC that needs to respond to an administrative push to cutting duplicative courses. They currently will give credit for Prior learning under the portfolio process. COCC will waive a required course if taken as a duplicated non-credit offering, but will not give credit. SWOCC will give credit if class is based on the CISCO or A++ certification, otherwise students from take an exam plus produce a portfolio.

- Web Specialist degree: Clackamas is developing a new Web degree, moving their current applications programmer degree to it. They asked for recommendations/ feedback on what they are planning. It is at http://cs.clackamas.edu/classes. The lead faculty's name is Debra.

- EST versus Mini-certificates: The 'mini' Certificate of completion was approved by the state last July. The issue will EST certificates is that 1) you can't market or advertise it and 2) you can't title or describe what it's about on the transcript. The Certificate of completion previously needed to be 45+ credits, and had general ed. requirements. The new 'min' version is between 12-30 credits, does not have gen. ed. Requirements, and is both transcribe-able, and marketable. The requirements are: 1) all of the courses in the min-certificate must be courses required in an AAS degree program. ("all courses are wholly contained within the AAS") 2) prepares students for the same occupation (same CIP) as the AAS degree. These mini-certificates can be used to figure out degree pathways for transfers – and is part of Higher Ed's push for articulation. All that schools need to submit to the state is a letter verifying that

it meets the two requirements. The turn-around time is about two weeks. (Atlas – does transcript analysis is currently on a phase-in strategy. A couple schools mentioned that they were part of the test pilot.)

Topics for the spring meeting:

The next meeting location is to be held at Oregon State University on Oct. 21 st , 2005.

The meeting was adjourned at 3:00pm

Special thanks to **Linda Loft** who took good notes and provided these minutes.