

Fall Meeting 2004 Notes ~ Friday, October 15th, 2004 Western Oregon University

Welcome- WOU President Conn welcomed the group to Western and stressed the importance of the OCCC to WOU. While there is uncertainty in the funding the Oregon University system will receive, he is certain that the importance of technology will assure funding for the Computer Science(CS) divisions of all the colleges. He also emphasized the importance of CS in collaboration and articulation, and how the field allows for transferability.

Electing New Chair- Don Kraus nominated Dr. Bob Broeg for the chair elect position. Later in the meeting, once Bob arrived, he accepted the nomination and is the new elect chair for OCCC.

What's New on Campuses-

Don Kraus- WOU/CCC Mitch is now representing Chemeketa, and Dr. Broeg is taking Don Kraus' place at WOU. Don Kraus is now at Chemeketa, but no longer on the OCCC committee.

Linda Loft- LCC has a new division chair, Mark, who has questions about the FTE trends. The areas that are going down include the Computer User Support program, which was made to create opportunity. What areas changed in other areas? There has been an emphasis on placing people into large companies instead of smaller companies, but now the education program is being geared more towards smaller companies. The FTE program originally had 750 students but is now down to 500 students. Network programs are the strongest, and programming are second strongest. Addressing the outsourcing problem was also discussed; by developing networking, development, and self engineering the students will be less likely to have their jobs shipped overseas. Jobs working on fixing problems with Microsoft have yet to be shipped over seas.

Mitch Fry- CCC Chemeketa Community College has been restructuring the CS department to improve the situation in the transfer program.

Dan Harvey- Southern Oregon University has a slight increase in enrollment. SOU is trying to combine CS with some Biology courses, like doing DNA sequencing, or bacteria strains through Bio-Tech classes. A NFS grant will bring a new computer system.

Doug Jones- PCC Portland Community College, Sylvania campus, is having organizational changes. The CS enrollment is down 25%. Computer Technology took over other specialty courses. A campus wide email system was installed and there is more technology set up on campus. PCC is trying to offer more popular classes, such as computer ethics, modeling, and game development, and would appreciate more ideas on new classes to add to bolster the enrollment. Legacy Programming allows upgrading of skills through online sections of class. Total enrollment is barely reaching the required class size with the combination of online and campus courses. EST packaging for public relations won't allow colleges to use "certificates" for completing a set of courses, but the completion can be noted on students' transcripts. Certification is usually non credit based. Before 50% of the

program is completed the Employment Skills Training, designed for specific student needs, requires the students to sign that they will complete the program. Hybrid classes can work well, but low enrollment rates are still a problem. These hybrid classes offer a great deal of flexibility for the students, but faculty have to agree to combine multiple classes of the same course or take "tutor" rate pay. The issue of students cheating through online classes was brought up, which was balanced with the fact that unless you check photo id then regular classes could have the very same problem. Different colleges have different minimums for class sizes; many courses have been canceled because of small class sizes.

Chris Williamson- SOCC The president is retiring in July, the Dean of the institution is retiring, so there are many administrative changes happening. Declining enrollment is plaguing this campus too. Tech support, networking, and new support enrollment is carrying through this year. AAOT debate- the fine arts said the structure of AAOT can't transfer students, the AAOT is more constrictive of community colleges. They are looking at restructuring programs, AAS in tech support, web design, applications, etceteras. Systems analysis and design class are necessary for web design and applications. They are looking for new ways to combine courses and drop less used areas which will make classes more pertinent to the actual needs of the students. This will also allow a dynamic program that is fit for the changing world, and the market for CS.

Jay Bockelman- OIT The Portland campus is looking at Software Engineering for increased enrollment. Creating an education program that will fit the changing market for the current interests, offering different levels of classes, and incorporating more hybrid classes, including video courses, gives students more flexibility.

Dodi Coreson- LBCC Linn Benton Community College has 30 National Science Foundation need-based scholarships every year, each worth \$3,000. This year there were not enough applicants to fill the scholarships.

Ways to get more students to apply for CS scholarships include

- ~ Talking to students before they even enter the program and letting them know the scholarships are waiting for them.
- ~ Encouraging the students and reminding them that they are worthy of getting a scholarship to support their hard work.
- ~ Showing the students how easy it is to apply for the scholarships is another good way to bolster enrollment in the CS program, and help students reach their potential.

Linda Carroll- LBCC For the first time the LBCC application class students were required to have jump drives, USP drives, for their courses. So far there have been no compatibility problems. Other campuses have had problems with students reformatting their drives, problems with XP, and trouble with finicky drives. Cables should not be that difficult to find, nor that expensive to purchase.

Sue Goff- UCC The college is searching for a new president, and has a new dean. They are taking out some classes and adding more web classes. A mini MIS degree targets smaller businesses that are currently hiring.

Walter Morales- PCC Portland Community College is progressing from 3 to 4 credit classes. Possible problems with this include students being unable to take as many courses. The CS department is not allowed to give out programs AA, students who have accounts can get the software

necessary for their class, but each campus has to register for AA. So far, there hasn't been much of a problem with stealing programs.

Ron Wallace- BMCC Ron skillfully maintains the OCCC website. At Blue Mountain Community College they have a campus wide computer system now, so all students have email accounts. As the head of the CS department at BMCC, Ron is also noticing enrollment problems in the CS department.
*The group took a short break and reconvened ten minutes later

Sherry Yang- OIT There are 80 new freshmen this year in the engineering program, only 4 of whom are female. OIT is interested in enrolling more students, especially women, so they are encouraging female students with a special retreat where they can work on group building, networking, support, etceteras.

Mike Johnson- OSU Enrollment at the university has dropped, but it's actually a good thing because now they can provide enough support each student needs. Fewer of the students have AAOTs so they spend more time catching up in Math and Writing classes, which doesn't leave much room for CS courses. Many transferred from community colleges. There has also been an influx of students from India, who struggle with the language barrier and the lack of experience with actual computers. C programming courses are vital, but not all students, especially transfer students, have the knowledge of C programming they need to succeed. The College of Engineering and College of Business are combining to form an Entrepreneur program. The entire OCCC group is invited to attend the open house for the new program. The students live together in a common dorm and an entrepreneur minor is now offered. Transfer students don't know the Multiple Engineering Co-op program when entering their professional program. The MECOP program allows students to have 2 internships, and makes it easier to get a job, and find higher salaries. There is a new DVD about the program, and Mike can send it out to anyone who would like a copy. The relative enrollment at OSU was 75% Traditional CS, 20% Business CS, and 5% Applied CS, but is now 55% Traditional CS, 40% Business CS, and 5% Applied CS. There are approximately 1,800 students in the program, 500-600 are undergraduates, 500 are CS minors, and 100 are grad students.

Peter Casey- COCC Central Oregon Community College has experienced small declines in many of the CS programs it offers. The Cascade Campus of OSU has had a steady increase in enrollment, perhaps because OSU has a more recognizable name, even though community colleges save much more money. The Guardian Lock on computer has helped save the campus from viruses. COCC has installed Banner, so all the students have email accounts and access to the network. There are also wireless access points, and although the students cannot yet access the network, they can access the internet. Many feel AAOT is mostly useless to students, so colleges are looking for a new direction.

Jim Faller- TVCC The enrollment is fairly stable, the new administration is being kept very busy. Jim is interested in getting more information for supporting the CS classes because less than half the students in the CS classes are not CS majors.

Jane Ritter- UO Enrollment is down at the University of Oregon also. The TRACS program is wanted. Fewer students want a theoretical CS degree but instead are looking towards real jobs. The university is specializing in networking and has an IT minor available too. They are also starting CS 0 course for starting students out to understand the basics of CS. U of O also has a theory and application class, which only has 7 people in it right now. Other colleges call this course CS 160.

Because certain classes aren't required, none of the students want to take them, or they simply don't have the time and funding necessary for the extra courses they would like to take if they could.

John Marsaglia- WOU John is the current chair of OCCC. He is also working with ETEC, and would like OCCC to look at different community colleges.

Lynn Montoya- PCC- Lynn has also seen the decline in enrollment at Portland Community College.

Dave Todd- MITCC Mount Hood has noticed the trend of low enrollment in CS courses. The school is looking for a new Vice President. Jim Arnold, the dean, has a lot to work on because they are renumbering all courses. The university was forced to cancel 15 sections of classes because of under-enrollment. ACM for the community college program-the same courses are being offered at many of the colleges, but they have different course numbers or are in a different sequence. SIG ITE meeting is at the end of October. The college is looking to hire a replacement and has had a great response in applicants for the position. The campus switched to AS which helps with distribution. There are also some wireless installations and security issues have been a slight problem. The college is pleased with using Deep Freeze. In the auto-cad labs the deep freeze is turned off.

Annie Groeninger- PCC Portland Community College is looking at recruiting more high school students through CISCO networking classes.

Ways to bolster high school recruitment include

- ~ Getting strong CS programs in high schools through involvement with the college
- ~ Hiring a high school recruiter and communicating well with them so they are well informed about the CS opportunities your school has to offer
- ~ Showing students available financial aide so they know they have financial support
- ~ Staff/Faculty visits to high school CS classes to encourage interest in technology and show the enticing future of careers in the CS field.

Earnest Brown- OCCC The Oregon Coast Community College is currently working under Chemeketa's accreditation but is looking to become independent. The college currently offers 1st and 2nd year courses but the CS department doesn't have much funding or support. The campus is spread out over the coastline but a new campus will be coming. The Oregon Coast CC is looking towards programs that will work well with other universities, but at the moment the CS program is being downplayed. Earnest is looking for more ideas for starting up the CS program and getting more students involved.

Bob Rogue- WOU Western Oregon University started an info systems major three years ago and it is going fairly well. There is high enrollment in lower division classes, but less CS and more IS enrollment at this point. CS is a difficult major that doesn't allow the students much flexibility, and because many students are looking to simply graduate as quickly as possible, the IS major is growing. There is a \$250,000 fund from ETEC that the industry gets to vote on how the fund is spent. Throughout the colleges there seems to be a trend in moving towards "more, better, faster".

Plans for Spring Meeting

The Spring meeting for OCCC will be located in the TC building on the PCC Sylvania campus in Portland. The meeting has been tentatively set for April 29th, 2005.

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Announcements & Other Reports

Honoring David Swenson- A contribution was taken for the David Swenson award plaque which will be given to his parents in recognition of his hard work and dedication for computer science. The requirements to receive the David Swenson award include being from a community college, attending OCCC meetings for at least 5 years, serving as a chair for the group, and hosting at least one of the meetings. From this point on the award will probably be a paper certificate commending the recipient on her or his devotion to the field, and will have the signature of the current chair.

Website & Group Pictures- If you go to the website you can get access to all the past pictures of OCCC by clicking on the OCCC logo. The picture from this meeting will also be added to the website.

*The group had a lovely lunch and took a tour of the computing facilities at Western Oregon University.

Curriculum Topics

CS 121- This course is moving towards systems analysis. The two forms of the current courses offered seem to be furthering information learned in CS120 or preparing for CS122. The state wants to see a uniform set of courses throughout the college system. The Most Complex Machine is often used in CS 121. Systems analysis and database are on the books for PCC. There is a great variety between courses on the different campuses, and even on individual campuses. Transfer students would have a much easier time transferring if all the colleges had a uniform system of classes. AAOT helped fill requirements for transfer students, but the actual usefulness of AAOT is somewhat debatable. Should the AAS degree be separate from everything else? Getting a common sequence between all the colleges would be excellent. Colleges can't just make students take a whole additional class, so we have to fit everything into the sequence. Further research about the CS sequence for non-CS-majors is needed. Standardization of the current courses offered is vital to the goal of the OCCC.

Outcomes- Matching up the outcomes of the different courses for all the colleges is necessary for the group to do. Individual colleges can change the names and course numbers of their courses to match other campuses. During the Spring 2005 OCCC meeting the group will look at CS 120, 121, and 122. Paul will get the basic foundation of these courses out on the list so the group can look over the initial list, and be thinking about what kinds of changes they'd like to see for setting up the sequence and the standardized outcomes.

ASOT & Computer Science- Perhaps during the Spring session the group will get more information on this subject if the sub committee looks into the matter. An OUS board member is needed for a real discussion on the subject. The state wants an assessment for the community colleges, and because many students transfer before completing their degree, the state thinks the community colleges are fairing poorly. As a group we should agree upon a model to float up and suggest a new assessment for

the state. Before the Spring meeting we should have some sample models that might be better assessments for the state to use.

The meeting ended at 3:00 PM.

Attendance- The following people attended the meeting and signed in:

Sherry Yang	OIT
Linda Loft	LCC
Mike Johnson	OSU
Mitch Fry	CCC
Peter Casey	COCC
Dan Harvey	WOU
Jim Faller	TUCC
Marty Murray	PCC
Jane Ritter	UO
Doug Jones	PCC
John Marsaglia	WOU
Jay Bockelman	OIT
Lynn Montoya	PCC
Chris Williamson	SOCC
Dave Todd	MITCC
Dodi Coreson	LBCC
Annie Groeninger	PCC
Linda Carrol	LBCC
Don Kraus	CCC
Sue Goff	UCC
Walter Morales	PCC
Ron Wallace	BMCC

Note taker- Stephanie Brewer-WOU