OCCC Minutes
April 25, 2003
Linn-Benton CC
Next Meeting: Oct. 24th, 2003 @ ClackamasCC

Reports from Schools:

PCC – Rock Creek: enrollment is increasing again. They are changing from Java back to C++ from CS161 & CS162. Both PSU and OIT, their major feeder schools asked for it. They are also switching the CS271 text-book approach that PSU is doing for computer architecture. They will use the 1 text over 2 terms.

PCC – Sylvania CS: Also moving to C++ in CS161 & CS162. They offer Java courses as CS133 & 233 optionally. They are planning to develop CS161 & CS162 as online courses. Recent curricular additions include an Ethics class.

PCC – Sylvania CIS: Enrollment has flattened out, not decreasing and not increasing. Budget wise, they are going back to a single chair position from the previous two. (Skip has handled the network/hardware curricula, and Marty the programming, etc. Skip will be released back to a regular class load. CIS at PCC is organized with a single AAS degree, but with many, many options. Until the recent enrollment trend, CIS was the largest department in the college.)
They are offering a new hardware course where they take donations from industry and have students recycle and refurbish the machines. The new building that will house the CIS department is scheduled to be finished in Fall '04. Their tuition is going up from $45 to $55 next year. The SouthEast (outreach) center is being converted into a full-offering campus.

Chemeketa – Newly developing courses are some that combine wireless and security. They have signed MOA's to allow retirements to be filled with part-timers, and reducing contracted days. Contract required certain % of full-time positions.

Blue Mt: - still cutting faculty. Math & CS are now 50% of what they were 2 years ago. The President declared that only classes required for AAOT or professional/technical programs can be taught. That means only CS120 since the CS transfer is not required for the AAOT.   They are just trying to keep courses, not develop any new ones.

COCC: - Enrollment is holding steady. Peter is returning to Dept. head as Gene is retiring. They'll be hiring a 1-yr temp position to fill Gene's spot. Their Networking and Desktop/User support programs are doing OK. They are thinking of killing the Programming program. They have a lack of students and too much curricula for a 2-year program. They get 4-5 students per CS161 course, but they can't teach enough CS120's and there are wait lists on all the application classes. The OSU center has now backed off. Their commitment to a CS minor is now 1 course per term, so it is unfeasible for most students. COCC has no control over the OSU center other than to feed students into it. Online Classes – COCC pays instructors 1.5 the regular pay, because it is deemed harder and more time consuming to teach. Therefore the college is cutting all online classes because of the higher cost. Students are unhappy, because the online courses were much more popular than the regular classes.

MT Hood: - Just had a very high tuition increase. Enrollment is steady. The lower-enrolled classes are now being canceled, where before they might run with 10-12 students. They are closing campus on weekends during the summer. This is causing a major crunch of room space, having all the weekend courses move into the weekday. They have signed MOA's modifying the contract to allow retirement to be filled with part-timers.   Faculty are starting to burn CD's with course materials/handouts in order to cut printing costs. Their newest course in on Wireless networking. It will be generic, not CISCO. They are planning on using WestNet materials. (Pricing is down, and quality is up after using WestNet materials) CS160 at OSU has a 'touch of robotics'. Mt Hood is looking to add that component. (At OSU the first assignment in CS160 is to layout individual courses to graduate.)

OIT: - They are losing their Dept. chair/director who is returning to industry. Enrollment is growing at a stead 10% per year. They have two new faculty positions open, but are also dealing with a 10% budget cuts across the board. Curricula-wise they have two programs: Software Engineering and Computer (hardware) Engineering. There are 5 required CS courses in lower division. They just add the Intro to Engineering – CS160 type course.

LBCC: - Their president is retiring. Charging for printing is the lab is a 'dead' issue. They are spending effort in redoing their Network program, looking at security issues. They are doing a community survey, and will be guided by the information gathered there. The summer session was cut from 10 to 8 weeks, Mon-Thurs. only. Computing classes are full. Cannot offer 'extra' service courses in computing, so there's a program getting majors into the classes, as they tend to fill with non-majors. Their registration system has no prioritizing system in it.

Treasure Valley CC: - Tuition is also going up. The Business department is down to 1 instructor. Winter Enrollment was up. They established a joint outreach center at Caldwell with Idaho State. Still offering the CISCO classes. Offer CS160, 161,162 as online classes. Enrollment is small (1-3 students per class). Winter enrollment was up.
There is currently a bill in the state legislature to allow Treasure Valley, Blue Mt, and Eastern (EOSU) to move to the semester system. That will put them into 'sync' with Idaho.

Western (WOSU): - They have a proposal to raise tuition 20%. If that passes, then they'll only have to take a 10% budget cut, otherwise it'll be much higher. They are down to 8 faculty and have cut all their 'boutique' courses that were being taught in the mobile "trailers". They have no problem with filling classes. Their CS122 (CS120) is done as a large lecture with 120 students. The new I.S. degree still exists and will have 10 of the 40 total CS graduates this year.   They are thinking about adding a security class. They just had $100,000 damage by hackers at the school 3-4 weeks ago.

Klamath Falls: - Just finished going through an accreditation visit. The accreditation team talked with a bunch of students who wanted more computing, so that came through on the report recommendations. 82% of their incoming students need development courses in math, reading, etc. They have 5 faculty openings currently in writing, math, and business. The administration is pushing the CIS classes to split the lecture and lab portions so they can carry more students. They've had a 10% increase per term for several terms.

Southern (SOU): - The CS area enrollment is up, but the CIS is down. They now have a 4yr security degree and a 4yr network degree. Distributed programming is a new curricular area that they

are developing.

SWOCC: - enrollment is still down in the Tech support/Networking area, but the new web development program is doing well. Budget- wise they are losing one CS position, leaving them with 5 faculty positions. The electronics program has been suspended. They are in the process of adding security curriculum. They've been investigating other schools and finding they're just renaming networking classes to network and security. They're looking for grants to support the expensive programs. They are still doing the CISCO curriculum, but area now being required to do an upgrade on the CISCO equipment to keep the curriculum. Unfortunately, the price tag is well over $30K, which they don't have.

OregonCoastCC: - The infrastructure remains very weak. All college space is either leased or rented. The college president took a 10% pay cut, and the staff took a 10% reduction is workdays. Summer session has collapsed into 5 weeks. They killed the Business Tech program and laid off the instructor. Ernie remains the only CS/CIS faculty.

Clackamas: - They are finishing building 5 new buildings with their Bond measure and now have no budget to run them. There is a high number of retirements happening, but not is CS. They have a 12% increase in enrollment college-wide, but CS is still experiencing a 15% drop. CS gets one of the new buildings at 7000 sq. feet. They have fiber into each lab/classroom. All labs are on 8" raised floor. They got everything they asked for. They've not had a lot of curriculum changes. The Network program and the Applications/Web Development are doing fine. But there's not enough students in the programming area (VB and SQL), so are looking to collapse it into the Web Development area.

Special Topics
Self-support/Self-sustaining classes: PCC tried it with all the dollars going into the Division, but they did away with it. LBCC is looking at doing "cost recovery" classes starting next fall. They have yet to work out any details, including if departments will keep any of the revenue.

Beowulf Cluster: - Clackamas has a group of students requesting to do this. [cluster of distributed processing Linux servers]. Western is doing it, but doesn't let the students connect the network to the outside. They have a good textbook for it. SWOCC has a gaming club that created a network.

Leasing vs. purchasing computers:
- Clackamas is now negotiating with Dell. The cost is $970 for a high-end 2.1gighertz machine with a 17" LCD screen on a 3yr lease. The after lease price will be $1 per machine. They intend to use the Student Tech fee to buy originals for student labs, and then recycle the machines later into the administrative areas.
- PCC leases from Dell. They like it because of the service agreement. The turnaround is a 3yr cycle, but averages 2yrs on many computers. It is expensive - $50,000/yr for the CIS division only. The only drawback is that you cannot buy anything but Dell. Therefore, there are a lot of servers on campus built from Compaq parts.

Wireless technology
Both Clackamas and MtHood (planning stage) have 20 laptop carts with wireless cards. Mt Hood intends to use them for writing classes, rolling them into different classrooms. LBCC is looking at the

problems of having students with wireless laptops on campus – who's monitoring the students, what side of the firewall should it be on, etc. Western has been doing this for 3 years now in certain areas, and the whole campus will be wireless by next year. They are including the towns of Monmouth and Independence in the wireless area also. All students have to register and give their IP addresses to use it. That's how they control it.

Labs – Pay to Print: COCC uses ID swipe cards similar to credit cards in the labs, but printing in the classrooms is free. Mt Blue has Pay to Print in the library but not in the labs. Western has a term limit of 250 sheets based on their tech fee, and after that it's 5cents a sheet. Everyone has to log on, so printing is controlled on the network.

Wireless Classes: Mt Hood will be introducing a CS199 wireless class in the fall. Prerequisites are either the Cisco (CS153) or CS179. Chemmeketa is looking to include wireless technology into their existing Network courses. SOSU has a wireless lab as part of their security courses.

Security: Dept of Homeland Security has reserved $31 million for colleges to teach security classes. Must apply for the grants. PCC is in the process. SWOCC is doing short-term training in collaboration with their Criminal Justice program. ComputerForensicsGreshem.com – world renown for their private instruction in computer crime.

O.O. Languages: - (Peter – COCC) suggested a new book "OBJECTS FIRST w/ Java" by Barnes & Kolling for the CS1&2 sequence. A radically different approach.... No structured programming. It was suggested that C# seems to be replacing VB as the language to teach.

Web Service Technology: COCC has problems defining Web Development Program. Can't figure out if it's an applications approach, or a programming approach. Clackamas is collapsing the BT-style applications program with the Programming program. It will have the HTML intro and then a 3-term sequence of JavaScript, client-side, and the server side programming. At PCC the CAS approach is a tool approach, but the CIS approach is for client side and server side scripting (CS233 & CS234). Mt Hood – the CAS area has too many options/tools so classes don't fill.

Tech Fee:
OCCC: $14-$20+ per course. Sent to the General Fund and allocated by committee.
SWOCC: Tech fee, plus course fee for Network courses
SOSU: Tech fee
KFCC: $15 per course given to IT services
WOSU: $45 per term, allocated by student committee. +$15 lab fee on computer classes.
TreasureValley: tech fee goes into the G. Fund.
PCC: $2 per credit supports the college-wide open labs. CS/CIS have $8 per course, but it goes into the G. Fund.
LBCC: $1 per credit and allocated by committee for the labs.
OIT: $45 per term allocated by committee
MtHood: $1.50 general tech fee + $15-45 per course fee. Both go into G. fund.
COCC - $1 per credit
Blue Mt. $10 per term access fee. Course fee for CS, English, and electronics courses using the labs. All dollars go into the General Fund.
Chemmekta: $1 per credit + course fee for courses using the labs.

Clackamas: $4 per credit, and does not go into the general fund. Plus a $12-$30 fee on courses which goes to the department.

Differential Pricing: COCC and LBCC are looking into it. MtHood's Board said no, but are instigating self-support style classes and going to grants to help the budget. Clackamas uses course fees to offset high-cost courses.

Transfer vs. Non-Transfer Prefix: Elaine Yandel-Roth declared that this was a non-issue with her anymore. If there is any issue left at all, it should be handled in discussion with the 4yr schools.

ASOT-CS: It was decided to explore with a meeting where all 4 yr schools were represented. It will be held in the fall, with a subgroup of CC chairs.

COURSE NUMBER CHANGES:
    Wireless course: CS188, prereq CS179 or CS153
    Robotics   :   CS281
    CS282 and CS285 numbers will no longer be used
When using a vendor –specific course ware/curriculum, use a suffix to represent it as non-vendor neutral.