

OCCC Minutes
April 26, 2002
Central Oregon Community College

Presiding: David Swenson

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	Gene Taylor - COCC	Diana Glenn - COCC
Kevin Kempfer - COCC	David Swenson - ChCC	Steffen Moller - ClCC
Linda Anderson - ClCC	Joe Crampi - KCC	Linda Loft - LCC
David Todd - MHCC	Skip Goldy - PCC	Walter Morales - PCC
Jim Fuller - TVCC	Mike Johnson - OSU	

Meeting Minutes

Reports from Colleges

OSU

The College of Engineering has reorganized. There is great push to 'create' a 'top-25' college of engineering which means little emphasis on undergraduate education. CS and Computer Engineering are merging with Electrical engineering. It will be called the School of Electrical Engineering and Computer Science. There will no longer be a Dept. of CS. Mike is officially retiring the end of September, but with the reorganization they want him to stay on half time for a year to transition a replacement or his position might disappear. CS is the only department in the College of Engineering that does service courses and generates over 50% of the FTE for the College. Because of that, CS will still emphasize undergraduate courses. They have hired 3 new research faculty and 1 teaching faculty. They have 2 fulltime faculty positions as tech support for their labs. Admin IT does not

support their labs. They are using more and more Linux and looking at Star Office to replace MS Office.

Clackamas

They have bond funding to build a new building that will bring part of their area back from the opposite end of campus. They break ground this coming August. CS/CIS made 2 new hires for fall, but one was due to a retirement. The CCC budget is in good shape, with cutbacks over the past few years through reorganization and attrition.. Minimum section size is 14. All faculty openings are being held open for one year to gain \$\$.

Enrollment is CS is down 10-15% Fall and Winter, but the college was up 19%. Spring for CS is up 6%. They are moving to Office XP in the fall. Access is very different and is not file compatible with 2000 or '97. Will run older versions in the labs as well as the XP version for compatibility. They have recently added the following new course curriculum: MS Exchange, VBA in CS 235, "Website Technologies" - Dreamweaver and HTML in CS 195, plus a capstone web project in CS 296. Will move to Win XP a year from this summer.

COCC

After 5 years with an open position, they finally completed hiring a new faculty member for fall. Their budget cuts include possibly 12-20 layoffs and possibly some program cuts. Automotive and GIS were named but it is not final. The departmental budget will allow them to add 2-3 sections next year. They will add 2 new classes, 271, Computer Architecture and Assembly, and 160, Computer Orientation. There will be no decision packages next year. The minimum class size has been increased from 10 to 15. Their FTE is still growing at about 25% per year for the past 5 years. They are going to VB.NET and Office XP in the fall. They are on the MS Alliance program and charge students \$5 for handling and burning

the CD of software. Students still return the CD in compliance with the agreement. Admin. IT is moving all college workstations to Win 2000 this summer and from FirstClass to Outlook for email.

Klamath

Klamath has 3 new open positions in CS/CIS. They are experiencing a 60% enrollment growth and new building construction.

Chemeketa

Hired a new faculty member to replace a retirement. They now have 7 full time faculty. The budget remains steady, but there are no new hires. The FTE is up and the headcount is down.

PCC (Sylvania)

CS/CIS enrollment is down but the college is up. The network courses took a big enrollment hit in the fall, but is has now flattened out. They are getting a big push to move the networking curriculum to online, but see that as difficult for lab-based instruction. They are getting 3 new faculty in CS to replace those that retired or resigned. (Dennis Heckman retires this spring.) They are no longer teaching Novell but added 4 Linux classes and are moving their Intro Networking course from CS 278 to CS 179. They are thinking of reinstating CS 278 as Adv. Data Communications with topics on routers, patch panels, and pushdown blocks. In programming, they are moving to VB.NET in the Fall and leaving VB 6. CAS courses have moved to Win XP. It takes 256K M of RAM to run WinXP. They support their own labs. Had previous problems having Admin. IT supporting their labs. The college has asked each Dept. for 2, 4, and 6% budget cut alternatives but has not made any cuts yet. Minimum class size is 13.

PCC (Rock Creek)

They have had a 40-50% drop in CS enrollment. They are located in the middle of Portland's Silicon Forest strip, and most of the IT companies have stopped paying for tuition for their employees. This caused the bulk of the enrollment drop. They still teach C++ in CS 161, 162, and 260, (Mt. Hood and Clackamas also), as it is required for PSU for transfer. The AP tests starting next year will be in JAVA. Their 3% budget cut is reflected mainly in materials. They had 3 CS positions open - will hire 2 - could not find the third faculty member.

Lane

Student lab management and network administration are done with 67% release time from a faculty position, rather than a lab technician position. Defining the position in this way helps to keep lab goals in touch with student and classroom needs, as well as establishing communication links between the department and campus IT. Lane has undergone much reorganization in top-level management with big budget cuts, possibly laying off more than 100 faculty, classified, and exempt positions. The CS budget has remained untouched. Enrollment decreased 10-15% this year in CS. Courses with a BA prefix will be eliminated over a couple of years. The school is saving money by eliminating particular programs, rather than cutting overall. Computer Science is now a Division that includes CAS, CS, and CIS, with a Division head rather than a Department Chair. New facilities will be completed in the summer, including square footage 4-5 times the size of the current CS space. Lane may go to Office XP in the fall. Lane has a campus-wide technology fee.

Mt. Hood

The reorganization last year combined CS with Math and Engineering, and CAS with Business and Media Arts. Valeria Ward (attending)

replaced Jim Russell as Dean of CAS/Business Media and David Todd is still chairing the CS area. There are no large budget cuts to instruction, but they are trying efficiency measures of cutting some programs and raising the minimum section size to 15. The new CS division consolidated several courses. For example, previously, 4 separate Intro to VB courses were being taught - these are now combined as one course. They are thinking of adding a CS 160, Computer Orientation. They are going for a bond that will build a new computer center as well as a University Center for classes offered by U of O, OSU, etc. They have also entered the MS Alliance program - MS Project will be another software product added to the program this next year. They are using Web CT as a communication medium for controlling curriculum between instructors - especially part-time faculty.

Blue Mountain

The college reorganized - the President and many top-level administrators resigned. Their headcount is up, but their FTE is down. CS enrollment is flat. They are having budget issues and are addressing it with a hiring moratorium. CS got to hire 1 of the 2 faculty that retired/resigned. They are cutting several classes including CS 122, CS 260 and their third term networking course. They will move to VB.NET in the fall. They teach a Visual Basic or C++ sequence every other year. They will not be upgrading to Office XP because of lack of technical support in the lab.

Treasue Valley

Recently received approval for a 2 year CS transfer program and an e-commerce AAS program. They have 2 faculty so most of their courses are online classes. Their e-commerce web design sequence is 195, 295A, 295B. The CS area

enrollment is up 40% and the Business Division as a whole is up 15-20%. They offer a 1 year certificate in Cisco and a 2 yr AAS which includes 8 Cisco courses.

Special Topics

Security

Discussion of products for protecting workstations and restoring them to original condition. Some schools tried Fortress, but it kept crashing with standard applications. COCC uses Deep Freeze and works well but only allows one operating system. Restored when it reboots. Costs \$8 - \$10 per machine depending on volume. New release works fine with Win 2000. COCC and Clackamas also use Centurion Guard, a card added to each machine with a physical key to enable permanent changes to be made to a hard drive. COCC uses it in networking and OS labs where there is a need to multiple OS's. It costs about \$80, and restores machines to their original state on reboot. Tech support folk love ghosting - saves lots of time in loading machines, but does not always work well.

Technology Fee

Everyone still has extra fees on their computer classes except COCC. COCC has students paying for printing, using a card. Printing costs 5 cents per sheet. COCC's new tech fee is all going into the General Fund, not designated for technology - so is effectively just a tuition increase. Clackamas has a \$4 tech fee; half goes into the General Fund and half into a Technology fund. PCC - the tech fee goes into the General Fund and they never see any results from it. PCC now leases all machines (admin, faculty, and labs) from Dell so that every machine gets turned over every 3 years. COCC and Treasure Valley have replacement plans in place, but the college ignore them. OSU has a \$100/quarter tech fee college-wide, and a \$200/quarter tech fee for Engineering majors.

New Course Numbering

Project Management - Clackamas asked for a project management course number. Most schools have it either combined in CS 244 or as a stand-alone BA course. Mt. Hood combines a CAS-1 credit MS Project course with their 3 credit Project Management BA course. Lane teaches Project Management in CS 243, Essentials of Information Systems. COCC teaches CS 244 with 2 hours lecture, 2 hours lab using Visio. (Visio and Project will be available next year through the MS Academic Alliance.) CS 244 is being done at EOU and OSU as third year classes. PCC, Clackamas, and COCC have had feedback from Advisory Committees and employers that Systems Analysis is a useful topic for Networking and Tech Support majors. It was decided that Clackamas will include Project Management in CS 244.

Security and Firewall - Lane asked for a number for this class. It was decided that CS 289x was the appropriate number. PCC does this in 288L - Linux Administration.

Data Communications and Intro. to Networking - PCC uses 179 as a first term Data Communications required class. 179 is the "Intro to Networking" class at Lane. 278 is the second term Advanced Data Communications for Network specialists, mostly hardware, patch panels, hubs, routers, patch down panels.

Cisco Subcommittee (Attending: David Todd, David Swenson, Kevin Kempfer, Gene Taylor, Steffen Moller, Linda Anderson, Linda Loft)

The network faculty at COCC demonstrated their networking lab and the usage of the Centurion security device. A discussion followed regarding the CCNA/CCNP courses in the CISCO academy curriculum. The committee came to the following conclusions:

1. The CISCO vendor curriculum with no changes should be classified as < 100-level if offered as credit courses.
2. The CISCO curriculum when combined with additional curricula (for example more testing and lab work) should be classified as >100 level.
3. Articulation with any high school program using the CISCO curriculum should follow each college's prescribed guidelines for articulation of course content with their respective, regional high school.
4. The 150's course numbers starting with 151 should be requested for "Routers and Internetworking" courses. The CISCO courses should be suffixed with a c. This means that CISCO courses 1-4 leading to the CCNA would be CS 151c, 152c, 153c, 154c, followed by the CCNP courses CS 155c, 156c, 157c, 158c. Those colleges that combine the course materials into three quarters are advised to number them as CS 151c, 152c, and 154c (for CCNA), and CS 155c, 156c, and 158c (for CCNP).
5. The current CS 179 course does not equate to the CS 151c course as the latter contains electrical theory, hands-on labs with various tools, subnetting, and meter testing among other topics.

Additional Notes

Send url for CIT course descriptions to Ron Wallace @ Blue Mountain. (These should be links from the CI home page to the standardized Curriculum Outlines. Will need to convert from Word to HTML.)

Next Meeting:

The fall meeting will be November 1, 2002, hosted by Linda Loft at Lane Community College.

Respectively Submitted By ...

Linda Loft & Linda Anderson

Please notify [Ron Wallace](#) by email of any updates or corrections.