# Minutes

Spring Meeting of the
## Oregon Council of Computer Chairs
October 19, 2012

*Meeting Chair: Jay Bockelman, OIT    Meeting Host: Juliet Long, Rogue CC*

1. Campus Reports

| School | Report |
|---|---|
| PCC Sylvania | Scott Quinn |
| | Flat Growth in CIS program |
| | PCC Introduced new payment plan to address delinquent students |
| | Special classes: Ruby on Rails, MS Exchange |
| | Health Informatics: limiting to 15 students/year due to placement concerns |
| PCC Rock Creek | Walter Morales |
| | Enrollment increase ~5% |
| | Offering Game Programming Certificate |
| U of O | Kathy Freeman |
| | CS161/162 taught in Python |
| | CS260 taught in Java |
| OSU | Calvin Hughes & Jennifer Parham-Mocello |
| | CS Online different than CS in EECS program |
| | CS Online: CS160 taught in Python; CS161/162 taught in Java |
| | CS Online: CS225 Discrete Sturctures replaces Math 231/232 Discrete Math |
| | EECS: CS161/162/261 taught in C/C++ |
| | EECS: increased enrollment forced increase in GPA for Pro school entrance |
| | EECS: 75 Pro school slots available for 200 applicants |
| Umpqua CC | John Blackwood |
| | CIS enrollment down |
| | A/V recorded lectures to increase recruitment and retention |
| | Researching "Degree Qualifications Profile" plan - http://www.luminafoundation.org/publications/The_Degree_Qualifications_Profile.pdf |
| Southern Oregon | Greg Pleva |
| | CS161/162 Java based |
| | 'B' required for all courses to progress |
| | Developed comprehensive test to transfer from CC to SOU; summer workshop available for needy students |
| Western Oregon | Dave Olson , Mitch Fry; Bob Broeg; Scott Morris |
| | Working on Applied Baccalaureate degree |
| Southwestern CC | Chris Williamson |
| | Developing Mobile device courses |
| Chemeketa CC | Andrew Scholer & Mandy Reineger |
| | Teaching CS161/162 in C++ |
| Lane CC | Paul Wilkins |
| | Game Development & Program Development leading to Mobile Development |
| Central Oregon CC | Lou Couseneau |
| Rogue CC | Juliet Long |
| | 17 tracks available |
| | Regional Group of H.S. teachers offering CC credit courses |

| | | |
|---|---|---|
| | Single advisory committee for all H.S. in group | |
| OIT | Jay Bockelman | |
| | Slight increase in enrollment | |
| | New full campus in Wilsonville | |

2. Discussion Items

a.       Bill Cullifer executive director Web Professionals (**http://www.webprofessionals.org** ) spoke on :

   i.            building a Web professional degree program

   ii.           building successful school-to-industry partnerships

Bill sits on several state and federal committees on curriculum development for web technologies and has helped RCC get their program going and provide certification testing for students.

b.      Brief discussion on making all classes 508 compliant - accessible to the disabled. Section 508 of the U.S. Code is the law that requires federal agencies and their contractors to adhere to a minimal level of accessibility. Section 508 requires that electronic and information technology that is developed by or purchased by the Federal Agencies be accessible by people with disabilities. Colin Goble from PCC asks: Is anyone else facing this same edict?

Answers: Several schools are addressing this at an institutional level, not a department level. Some schools are leveraging Disability Services support to make their course materials 508 compliant. OSU CS Online degree meets these qualifications. Schools with government contracts are required to meet this standard. At LBCC have had to accommodate disabilities for years.... but this is generally in the form of Testing accommodations (more time, quiet place), note takers, people to read a textbook to the student or special chairs and/or seating arrangements. We have some software available in the Office of Disabilities Services for reading the textbook to a student. We have never had to teach a blind person to program...not sure how that would be done? But we do have special software available to make the screen print very large font for students who have visual impairments.

3. Business (Swenson award, photo, elections, next Meeting, etc.)

a.      Ed Wright was awarded the David Swenson award for 2012

Edward Wright, who was OCCC chair 1998-1999 and was a long term member through the 1990's. Ed originally taught at LBCC in the late 1970's, and then was hired by WOU to start the CS program at WOU in 1982. Ed retired from WOU in 2000. Congratulations to Ed!

b.      Mitch Fry, now at Western Oregon University, was elected (actually volunteered) to be the next chair of the OCCC! Thanks Mitch.

c.      Next meeting will be April 19, 2013 at OIT Wilsonville

d.      Group photo now posted on the OCCC wiki - http://209.237.84.181:7600/index.php/Main_Page

4. Breakout sessions on specific interest topics

a.      Health Informatics Concerns

b.      Discussion on collaborative MS-SE shared program between the 4 region schools. See initial draft by Dave Olson (WOU) below. Participants: OIT, WOU, SOU, UofO

**Proposal Shared Masters degree in Computer Science / Software Engineering**

Eastern Oregon University, Oregon Institute of Technology, Southern Oregon, and Western Oregon University

This degree allows the four regional campuses to offer a Masters Degree by sharing resources.

Delivery of the core courses are split across the regional campuses.

Elective courses may be shared or offered locally. An individual capstone project is required for each student.

The makeup of the project committee requires at least one off campus member.

*Top-Down Strategy for obtaining the degree.*

The degree would be introduced through the Chancellor's rather than through individual campuses.

*Masters Core*

8 4-hour courses (2 per campus per year) 32 hours.

Electives

2 courses 8 hours

Project: 8 hours

*Course delivery*

Courses would be delivered in real-time using a product like Blackboard Collaborate

Professors deliver courses in a traditional method at their university. Students at other universities would be able to participate in the live lectures via Blackboard Collaborate.

They are able to ask questions and interact with the class in real-time. In addition the product allows recording of the lecture for view at a later time.

Team projects as part of course.

As part of many graduate courses, there are group projects. All though this initially seems like an obstacle in a shared degree, it is in fact a strength of the program

Teams made up of students from multiple campuses would mirror the world in terms of software engineers collaborating from around the world.