OCCC Minutes
October 24, 2008
Central Oregon Community College

Presiding: Ron Wallace, Blue Mountain 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	Peter Casey – COCC	Carson Haury - COCC	Mike Peterson - COCC
Dodi Coreson - LBCC	Lewis Cousineau - COCC	Ralph Phillips - COCC	Eric Magidson - COCC
Bob Broeg - WOU	Mitch Fry - ChCC	Linda Loft - LCC	Gayathri Iyer - PCC
Len Eaton - ClCC	Ralph Carestia - OIT	Paul Paulson - OSU	Molly Shor - OSU
Mark Bony - RCC	Cindy Patterson - RCC	David Todd - MHCC	Larry Cheyne - CCWD
Greg Taylor - KCC			

Minutes

Announcement and reminder about the gaming courses taught at OIT in summer.

Molly Shor, OSU and Ralph Carestia, OIT: Discrete Math prerequisites for CS162 & CS261 - concern about what's taught in the CC system courses. Part of their goal is to turn their two term course into a one term course by integrating some of the work into other courses, such as CS161. Before they get to CS162, they need propositional logic, recursion, formal proofs, proofs by induction, complexity, Big O, truth tables, and Boolean logic. Its woven into the CS160 sequence at some CC. The order is fairly mixed up at many schools, with various pre-reqs involved that impact when they take it.

Bob Broeg (WOU): Revised CS262 course at WOU – taking CS161, moving it to fall; CS162 is moving to Winter; CS262 in the spring, traditionally covered some other languages, turn it into a projects based class to practice what they've learned in CS161, CS162, preparatory to Data Structures class, where they are expected to be fairly independent. It will focus more on planning and designing programs, using Java and debugging techniques (students MUST

debug their own stuff).

Mark Bony (RCC): Statewide Web Developer AAS degree online – by pooling students throughout the state, there would be enough to support the degree collectively. Several schools have pieces, or are working on these courses. Chemeketa just started a web developer degree - contact Don Kraus. Lane has a 2 year degree, but the enrollments are going down – they are interested. They are combining several courses into one online course that is one workload unit, but has students working on outcomes from several different courses. Mark Bony from RCC is collecting names of people that are interested in working on this degree and will present a report at the Spring meeting.

Election of the 2009 chair and plans for the Spring meeting:

- 2009 chairperson: Lynn Eaton., lene@clackamas.edu
- Location for spring meeting: Clackamas CC
- Meeting date: May 1st

Peter Casey led a discussion regarding a computer competency/literacy for the AAOT. How do we combat the lack of a computer literacy requirement? – it is seen as a life skill that students should assume the responsibility of acquiring on their own. It has been difficult to find national data about the level of competency of students exiting high school or community colleges. The university folks don't show much interest because their students tend to be at a higher level to start with. Library information literacy requirement muddled the issue. Linn-Benton is instituting an exit exam for students graduating, which should lead to an entrance exam. CLIP Grant?? At Central Oregon CC, less than 1% of their students can pass the IC3 exam. A suggestion was made that we add a placement test for Computer competency. May not be able to do that because computer competency is not a graduation requirement for the high schools. Embedding this in other courses won't work with accreditation. More concrete data is needed about where students are getting skills, if they have them. Placement test comes from Certiport - expensive - there is a pre-test - about $9 apiece for 300 that can be taken from any lab. The price gets cheaper per person for greater quantities. It is suggested that as many schools as possible administer this to collect the data we need to back up our position. Once we get the data, how do we go forward to get the requirement reinstated? Concrete suggestions: (1) Get a better bulk price for the CertiFort exam; (2) Everybody see what kind of involvement they can put forth, both time and money. Peter Casey will continue to take on heading up this effort.

The remainder of the meeting focused on developing brief course outcomes/descriptions for several courses that are common to all schools. After working in small groups the following were presented and approved.

CS120 - Digital Literacy (note new name that was also approved)

> This is a computer literacy course based on the outcomes defined by the Internet and Computing Core Certification (IC3). See http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/TestObjectives_IC3.htm for details.

CS122 - Introduction to Programming Concepts (note new name that was also approved)

> As an introduction to computer programming for non-majors, this course introduces students to elementary programming concepts and the development tools and the paradigm of the language under study. Students learn the basic constructs of programming: constants, variables, expressions, data types, program control structures and code modularization.

CS133x - Computer Language I

> This course exposes students to problem solving methods using a programming language. Topics include: basic code structure, modularity, simple data types, basic operators, and code documentation. The course introduces the basic development tools of the language under study.

CS233x - Computer Language II

> This course exposes student to solving problems using advanced features of the programming language. Topics include complex code structure, function usage, multi dimensional arrays (pointers), dynamic memory allocation, file I/O, string manipulation, and advanced operators. The course introduces the development tools and the paradigm of the language under study.

CS160 - Introduction to Computer Science

> This course explores the discipline and profession of computer science. It provides an overview of computer hardware and software architecture, the study of algorithms, software design and development, data representation and organization, problem-solving strategies, ethics and the history of computing and its

influences on society. It explores career options and begins the process of planning a program of study. The student is exposed to both low-level and high-level programming languages.

CS161 - Computer Science I

This course is an introduction to the application of the principles of software design, development and testing. It includes problem solving, algorithm and program design, data types, and program and control structures. It introduces the development tools and the paradigm of the language under study.

CS195 - Web Authoring I (note new name that was also approved)

The student will gain an understanding of HTML, CSS, usability, page layout, and design as applied to web sites and pages.

CS196 - Web Authoring II (note that this is a new course that was also approved)

This course is a continuation of and further study into the topics of CS195.

CS197x - Web Authoring III (note that this is a new course that was also approved)

An introduction to web site management using a particular web based technology. This course may be repeated using different technologies (different letters for the x will represent different technologies; the letter will be determined by the individual school).

CS295 - Web Development I (note slight change in name that was also approved)

A study and application of the tools used for the development of dynamic data driven web applications, including but not limited to site management, security, and server-side scripting. This course will have a prerequisite of CS195.

CS296 - Web Development (note that this is a new course that was also approved)

This course is a continuation of and further study into the topics of CS295.

Meeting Adjourned at precisely 3:00 pm.

A special thanks is given to COCC for hosting this meeting as well as providing both breakfast and lunch.

Meeting notes submitted by Cyndy Patterson, RCC
