OCCC Meeting 2015-10-16 at OSU
9am
Robert Surton, Chair
Gary Parker, Secretary

Minutes?

    Correct Robert's name and Plumb Geeks email address (plumgeekd@gmail.com).

    Approved

Chemeketa - Andrew Showler CS

    Nothing big, numbers are steady, two full sections of 160 and 161 (24 each)

    Applied Tech has a new building, new fab lab

    Don Crowse, CIS

    Slightly down in enrollment, not bad. New building is great, though we aren't in it; controversy over "Big Ass Fans"

    160 has a heavy thread of computational thinking; 20-30% of students are gen-ed

LinnBenton - Dodi Coreson, David Becker

    Up 5%, CS is full (24 is full up to 30), CIS is doing well, slightly down

    New reg system, Open orientation all summer long seemed to work.

Western - Bob Broeg, Mitch Fry

    Things are going well. Compiler (elective class) class is up from 4-10 to 20. Wow.

    Though some shouoldn't be there

    Hired HP retirees as adjuncts

    Mich Fry

    Biggest graduating class ever last year.

    New Degrees: Applied IS, Applied CS (2+2 program)

    Trial experiment with Clatsop, real time distance education CS160 now, with CS 161 and CS162 to come later this year. Might include Tillamook Bay CC soon.

SouthWestern - Chris Williamson

    Dean Diana and CS teacher retired, Richard Lowe went to serbia; struggling to find a new CS instructor

    New Dean of CTE.

    Enrollment is up, but teachers are down, Diana is back part time.

    Python is CS160; good enrollment

    CIS (12) is a good start;

    Richard is Skyping classes from Serbia

UofO - Kathleen Freeman Hennessy

    Enrollment and graduates are up, but not as high as 2000ish.

    Increase in enrollment seems to be tapering

Finding more students that aren't as interested in CS as they thought.
B or better in 161, 162, 260 (aka 110,111, 112 @ UofO), they don't offer 160
Python for 161, 162 & 260 is Java, then C++ in upper level systems
New Dept head, new president
Maybe have Fall2016 meeting at UofO
First "Hack-a-Thon" in 10 days. Students are pushing this. Exciting!!!
MTH231 and MTH232, Discrete Math are required for degree

OSU - Jennifer Parham-Mocello & Calvin Hughes
Relatively new Dean
New Director/Chair/SchoolHead in
Terry Fees left for Colorado
Lost Business office manager
278 enrollment seems normal
161 enrollment is still going up since other schools are requiring it.
New Director wants all College of Engineering to take intro programming or computational thinking, eg, geography and bio-infomatics, mechanical, industrial engineering
Maybe all U students will have to take such a course
Will be overhauling curriculum this year, credits will change per course, redo articulation tables which are very old
Calvin = new school head, larger research focus even undergrad, more cross-disciplinary hires
Cascade Campus, 14 in CS160, growing, accepts 2.25 GPA Cascade vs 2.9 GPA Corvalis for acceptance into Pro-School
Online program has over 1000 students, 300 new students per term? 300 in 161
Ranked one of the best online CS programs, will be passed based on on-campus graduation rates
110ish graduates this year on-campus
$80 for credit by exam for ANY course
CS161, vi in Linux

BMCC - Gary Parker and Greg Schulberg
CS program is new. Ran CS161-162 last year for the first time in at least 10 years. Enrollments are low.
Started a "Data Center Technician" program this Summer. It is full. Three terms, 15 credits each.
Web development degree was started two years ago. Enrollment is low.
College enrollments are down about 5%.

PSU - Karla Fant
Enrollment is still growing, classes are larger but not doubled
300 students taking 162 and 163 = CS260

Not offering CS202 this fall, so will have 500-600 students this winter
  Big lecture with 20-35 students in a lab, 1 facilitator and 3 assistants
  Lab manual with prelab requirement based on class to get into lab
  4-6 hours for student help each day with 50ish students attending
  Use undergrads as lab assistants, paid $15/hr up to 20 hours per week
  Tutors are different than lab assistants
  bar code scanners to track students in labs
CS161 language is Instructor's choice
  English based language then move into something like C++
  Other instructors tend to use Python and let students use libraries,
  so it is believed that the students aren't good at problem solving
CS162 and 260 are in C++
CS202 what do you need to do to learn a new language
There is also an upper division class on programming languages, but not syntax of a languge in particular
$200 fee for credit by exam; if a student asks they have to let them
Tranfer students meet with underGrad coordinator to place in program, then might need a technical interview with Karla to adjust placement, might $80 per interview charge soon
Twice per year, Spring by Feb 1 and Fall by July 1, to apply to program
  >= 2.0 overall GPA for all tries on all CS courses, go through proficiency demonstration and pass; they give a linux tutorial session to prepare for proficiency demonstration; can do retake unless they wait until the last possible session
Transfer Students
  38% could not do recursion
  29% could not do basic programming
  29% didn't use algorithms correctly for certain data structures
  19% gave up
  52% passed this summer
vs 95% of PSU CS202 students passed
Proficiency exams are pass/noPass

Checking for Cheating
      Moss from stanford (compares to other assignments)
      How do we check for stuff they found on the internet
      Hands on Coding at the end of CS161, CS162, CS260, and CS311
      Hand-written final counts for enough that if you can't pass it then you can't pass the course
      Dealing with "code for hire" cheating

Mt Hood - ?
      Yes on ASOTCS. Need to offer CS260; it's been several years.

Experimenting with CS260 content with small group of students this year.

Cyber Security got a CA2T certificate from NSA.

Security degree has a new option for database security, along with 3 new CPCs.

New teacher hired fro Game Dev degree

40% of CS enrollment is from security and gaming

Losing degree in Health Infomatics

Enrollment is slightly down

PDF catalog is not ADA compliant, so can't be online

Shifting course towards competency testing.

Looking at a model where courses are all offered simultaneously

25 students in CS161 this term

Using Open Source text for CS161, 162, How to Design Programs, Dr. Racket?, converting to C++

Using Algorithmics by Shackleford for CS160

PCC - Kara Tang

CoChair at PCC

CIS enrollments are down and sections are being cut; 18-20 students are needed to run classes

CS234A, a real world programming class

CS135M, mobile development, revamped for Android, Fall, Winter, Spring. Currently full.

Two new, full-time teachers

Cancelling Health Infomatics

Lane - Paul Wilkins

College enrollments are down by about 10%, while CS enrollment are down about 5%

Programming is up 85% in 3 sections

Networking is down slightly.

2 faculty are retiring, 1 on sabbatical but working part-time

Gaming degree, two years running, 12 students per year, built relationships with local companies

CS161 and CS162 use C++, online with Jim Bailey

Eugene's technology industry is growing, hopeful for enrollment

Seeing more UofO students in CS161 and CS162

Health Informatics is still around but enrollment is down

ASOT-CS is being offered.

Clackamas - Rick Carino

CS enrollments are holding steady

Offering ASOT-CS with new marketing

2 full sections of CS161 and CS162, usually only 1 section each

CIS enrollments are holding steady.

OIT Wilsonville - Sherry Yang
- Jay Bockelman retired.
- Lost VP but hired a new one
- Still looking for a Dean
- Huge freshman class last year
- New faculty in Wilsonville
- Dropped 102/105
- CS120, embedded C is new
- Dual Cyber-security degree with CS
- Credit by exam is $50/credit
- Programming classes have a lab component

CGCC - Robert Surton
- School enrollment is down
- Search for a chief academic officer
- School Board is being sued
- Renting space to high school classes
- Enrollment is slightly higher
- ASOT-CS is in the catalog, working on marketing

PCC Rock Creek - Walter Morales
- Campus enrollment is down by 1.6%

Lunch - great lunch

Chair and secretary are chosen bi-annually
Moved and approved

David Swenson Award will be established by the David Swenson Award Committee.
Moved and approved.

Spring meeting is Chemeketa 2016 May 13 Friday

Fall meeting is University of Oregon

Picture outside

ACM
produce curricular guides for 5 programs
  IT program
  CS2013, reviewing this and what of that applies to the two-year level
    cyber security
    looking for volunteers for this subcommittee

Other Agenda Topics
ASOT-CS
Outcomes Articulations
What is computational thinking and how does it relate to APCS computational thinking?

languages in Introductory classes
> SWOC, Java but looking to change to C++
> Lane, C++
> PSU, anyhting goes for CS161, C++ in CS162
> UofO, Python, Python, Java, C++
> OSU, C++, but might take OO out of beginning CS sequence
>
> Interesting debate about Python vs C++ vs C

Procedure for Maintaining the ASOTCS
> This body is in charge of that.
> Agreed with JBAC that this would have the same Gen Ed requirements as AAOT
> Moved through without having to explicitly define outcomes since the existing courses
> are relatively well defined, although CS160 (APCS should fit here) is not as uniform.
> Econ is not part of that degree, but health is supposed to.
> Let this sit in two years to see if there are any other problems, then go back to HECC
> with it.
> The WIki has an updated version.
> University Program Advising Guide needs updated with links to each university's
> requirements.
>> OSU has an updated version of this sheet.
> We need one place for this document. Argument about whether it should be a pdf or on
> wiki. Solution, make the wiki easily printable.
> Rick will work on this.

How do we make the ASOTCS outcomes based?
> Dodi has records from 2007
> The wiki does have some syllabi from many universities but they need to be updated.
> Especially for CS161-260.
> PSU has an almost finished document for the outcomes and will send to the list and
> maybe wiki.
> Each university should submit their outcomes for each of these courses. Robert will
> collect these from each school and analyze for intersection.
> Concern over how useful this will be since the outcomes are so vague.
> We need an agreeable description and a few outcomes for each course. Following we
> will need a more detailed list of competencies.

Ultimately, What are program outcomes?!
Robert asked us all to submit where to find these.

ACM, produces curricular guides. Presented their ID program guide. Looking for volunteer for programming. Robert Surton volunteered.

Next meeting: (**Spring meeting is Chemeketa 2016 May 13 Friday**)
Discuss outcomes collection process
Discuss CS160/APCS outcomes.