Faculty Senate Monthly Packet December 2003

Portland State University Faculty Senate

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TO: Senators and Ex-officio Members to the Senate  
FR: Sarah E. Andrews-Collier, Secretary to the Faculty

The Faculty Senate will hold its regular meeting on December 1, 2003, at 3:00 p.m. in room 53 CH.

AGENDA

A. Roll  
* B. Approval of the Minutes of the November 3, 2003, Meeting

C. Announcements and Communications from the Floor

   President’s Report  
   Provost’s Report  
   Vice President’s Report

D. Unfinished Business

E. New Business
   * 1. Graduate Council New Course Proposals in Engineering & Computer Sciences – Koch for Danielson

F. Question Period

   1. Questions for Administrators  
   2. Questions from the Floor for the Chair

G. Reports from Officers of the Administration and Committees

H. Adjournment

The following documents are included with this mailing:

   B Minutes of the Meeting of November 3, 2003  
   E1 Graduate Council New Course Proposals

Secretary to the Faculty

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2003-04 Roster: PSU FACULTY SENATE

****2003-04 FACULTY SENATE
STEERING COMMITTEE ****

Presiding Office: Cynthia Brown
Presiding Officer Pro tem: Dee Thompson
Steering Committee: Janine Allen
Darrell Brown
Richard Wattenberg

& Mary Collins (Comm on Comm Chair) Ex officio

*** 2003-04 PSU FACULTY SENATE ***

Liberal Arts and Sciences
Agorah, E. Kofi
Burns, Scott
Toth, Michael (for Haaken)
Jacob, Greg (for Millner)
Reder, Stephen (for Liebman)
Rhee, Ma-Ji (for Perrin)
Santelleman, Lynn (for Biolsi)
Weasel, Lisa (for Greco)

All Others
Ketcheson, Kathi
Arante, Jacqueline
Burns, Scott
Fischer, William (for St. John)
Farr, Grant
Hickey, Martha
Johnson, David
Liebman, Robert
Mandaville, Jon (for K.Brown)
Wetzel, Patricia
Butler, Virginia
Duffield, Deborah
Ketcheson, Kathi
Thompson, Dee
*Fischer, William (for St. John)
*Farr, Grant
*Hickey, Martha
*Johnson, David
*Liebman, Robert
*Mandaville, Jon (for K.Brown)

Business Administration
Ketelaar, Cathi
Thompson, Dee
Gregory, Mark
Barham, Mary Ann
Collie, Samuel
Collins, Mary Beth
Wanjala, John
Endress, Wendy
Fortiplier, Dan
Hoffman, Agnes

All Others
OIRP 2004
ENG 2004
GEOL 2004
PSY 2004
ENG 2004
LING 2004
FLL 2004
ANTH 2004
BIO 2004

Education
Kretovich, Duncan
Gilpatrick, Thomas

All Others
ED 2004
ED/C 2004
ED 2005
ED/C 2005
ED/C 2006
ED/PF 2006

Engineering and Computer Science
Casperson, Lee
Hall, Douglas
Brown, Cynthia
Morris, James
Spoke, Craig
Anderson, Timothy
Meekisho, Memmy

All Others
ECE 2004
ECE 2004
CMPS 2005
ECE 2005
ME 2005
ETM 2006
ME 2006

Extended Studies
Robinson, Rebecca
Cornman, Patricia
Repp, Betty Jean

All Others
XS-IS 2004
XS 2005
XS-Sal 2006

Fine and Performing Arts
Knights, Clive
Kristof, Jane
Agre-Kippenhan, Susan
Wattenberg, Richard
Hansen, Bradley

All Others
ARCH 2004
ART 2004
ART 2005
TA 2005
MUS 2006

Other Instructional

Library

All Others
IMS 2004
UNST 2005
HON 2005
UNST 2006

Social Work

All Others
SSW 2004
SSW 2004
SSW 2005
SSW 2005
SSW 2006
SSW 2006

Urban and Public Affairs

All Others
PA 2004
JUST 2004
PA 2005
UPA 2005
IMS 2005
USP 2006
PS 2006
USP 2006

Interim appointments indicated with asterisk
November 11, 2003
Minutes: Faculty Senate Meeting, November 3, 2003
Presiding Officer: Cynthia Brown
Secretary: Sarah E. Andrews-Collier


Alternates Present: Jagodnik for Barham, Cruikshank for Burns, Hulbe for Cummings, Kapoor for George, Bowman for Hendricks, Renauer for Jolin, Rose for Lawrence, Hodel for Lehman, Li for Morris, Mildner for Prince, Cohn for Wanjala.


Ex-officio Members Present: Andrews-Collier, Bernstine, Burton, Christopherson, Driscoll, Kenton, Samuels, Tetreault, Toulan.

A. Roll

B. Approval of the Minutes of the October 6, 2003, Meeting

The meeting was called to order at 3:04 p.m.

The minutes were approved as published.

C. Announcements and Communications from the Floor

Changes in Senate and Committee appointments since October 6, 2003:

Cindy Baccar has been named chair of the Curriculum Committee. Michael Cummings has been named chair of the University Studies Committee. Michael Toth is replacing Janice Haaken as CLAS Senator.
President's Report

The President noted he is very pleased with the number of faculty who have come forward to be involved in the upcoming accreditation process. BERNSTINE yielded to Sherrl Gelmon, Chair of the Self Study Team, to report on Accreditation.

GELMON noted that she would be reporting quarterly to the Senate on the accreditation process. The most important dates in the timeline are October 24 – 25, 2005, the dates for the Site Visit. The accreditation steering committee recently met with a representative of our regional accreditation commission for a mandatory briefing. The university is using the PSU Portfolio as the basis for the self-study. There are several sub-committees being formed to mirror each of the accreditation standards, and they are made up of faculty, staff, students, alumni and community members. There are still openings on these committees, if Senators are interested in participating.

GELMON noted the continuing question the committee receives is “What does the preparation for accreditation have to do with program review, and what does that have to do with assessment, and how many different things are we doing at the same time, and is this all the same thing under different hats, or it is alot of rework or is there in fact some linkage?” As best as she can articulate this, the Program Review process initiated by Academic Affairs is intended as documentation of the kind of information that we would like to have on file on a regular bases and at ready access, that describes both what we intend to accomplish with our programs and provide the evidence of what we are doing with respect to our students, faculty, etc., that is to say, various kinds of quantitative and particular measures. The assessment initiative we have been involved in for several years is the process of designing how we get that information and how do we ask the question, “Are we really meeting our objectives and how do we use this information meaningfully?” The accreditation process is a way to mine some of that information and feed it to the regional body that grants us our accreditation. To the extend possible, we are attempting to minimize the work and not duplicate effort, by not having another process for accreditation, but to use what is being done through assessment and program review. For any programs with specialized accreditation, you have done most of the work and you have most of the information, but depending on how many years ago that was, it may not be current. Program Review will allow us to do annual updates and allow us to have access to our data on a regular basis so that we can use it in a more meaningful way. So wherever possible, the work that faculty are scurrying to do around assessment and program review, because you are being encouraged to do it, will serve as the basis of our work for accreditation. Our goal is that by Spring 2004, we will have close to a complete Draft of our Self Study embedded within the Portfolio, so through access to Program Review and other materials, we will have all the material that will describe our presentation for the Self Study. Then we will have a year to look at it and say, “So how does that help us? How useful is the information? How can we use it?” How can it be something that is effective for us beyond something that is just for accreditation?” Then we will be up for accreditation.

Provost's Report

Minutes of the PSU Faculty Senate Meeting of November 3, 2003
TETREAULT noted that she promised to follow up on a remark she made at the October Senate meeting, with respect to an ad hoc committee around “managing Graduate enrollment.” One thing PSU did particularly well in the 1990’s was to look at undergraduate reform, and this is the decade of graduate reform. The ad hoc committee mentioned last month has now been formed. In addition to the Chair, Robert Dryden, the other members are William Feyerherm (OGSR), Robert Eder (SBA), Greta Siegel (LIB), Stephen Isaacson (SPED), Harold Briggs (GSSW), Susan Harlan (FPA), Stanley Hillman (CLAS), Margaret Everett (CLAS), and Jennifer Dill (CUPA). They will start by looking back at the 1998 Report on Graduate Education, and there is additional work that was done by the Graduate Council in 2001 that they can review.

**Vice President’s Report**

KENTON noted that he has remarks about student housing in response to a request by the Presiding Officer; however, he has one other matter to discuss first. There is a potential PERS change in motion, having to do with the contribution rate for the optional retirement program. This only affects higher education but it does affect approximately 600-700 people on the PSU campus. With the buy down of the PERS rate that is coming, the contribution rate for optional retirement plans is going to drop from 17% to 11%. Faculty on that program will be receiving a letter from the Chancellor describing what is happening. The system, in the 2003-05 session, attempted to get the rate “de-coupled,” i.e. have the optional retirement program rate stand on its own and not be linked to the PERS rate, but the bill was not successful.

KENTON described progress with regard to student housing. The building on the corner of Broadway and Jackson is about to have a capping ceremony, at the tenth floor, on Thursday. The first floor will be retail and there has been great interest expressed in that space by multiple vendors. The second floor will be academic space, including an 80-100-station computer lab, and some other classroom and office space. The next eight floors will be 384 studio apartments. Fall term occupancy is anticipated. This Thursday, we will be proposing the purchase of the Doubletree Hotel, 4th and Lincoln, to the “E” board. It includes four acres of contiguous land and an operational hotel. We are working on a friendly condemnation with the Portland Development Commission. The intent is to convert it to a student housing/conference center next year, and over time, to take it down and redevelop the site with 800,000-1,000,000 square feet of space. Down the road over the next twenty years, we see three to four high-rise towers on the site with first floor retail amenities, parking, housing, and some academic space. KENTON concluded, both of the projects are self liquidating, that is to say, the rents from the housing pay the debt service on the bonds and the operating costs associated with the facilities, so they should not become a drain on general fund obligations. They also give us the opportunity to recruit and retain more non-resident students. This diversifies enrollment and provides a greater contribution to tuition income, in that non-resident students pay about four times the resident tuition. For every non-resident student we recruit, we can serve another resident student with the incremental income.

_______ asked what is the status of the hotel at present. KENTON stated that the hotel would continue to operate until May or June 2004, by being leased back from PSU. PSU will convert it into a conference center in June, and a student housing complex in the fall. Over the
course of a couple of years, we will have doubled our housing inventory, which is important to our financial operations in the future. This activity around housing is partly based on a study completed last year by Anderson Strickler, that indicated we have immediate need for 700-900 more housing units, and over the next ten years, another 1500-2000.

D. Unfinished Business

1. Curriculum Committee Program Proposal for the Minor in Film Studies and New Course Proposal

   MERCER/_____________ MOVED to take the item off the table.

   THE MOTION PASSED by unanimous voice vote.

   MERCER/HICKEY MOVED THE SENATE APPROVE the interdisciplinary Minor in Film Studies summarized in “D-1.”

   WALTON noted that there is a History course that would fit in the minor. GELMON yielded to Michael Clark, who noted that this course could be included. A memorandum will be forthcoming with respect to curriculum that could be included in the minor in future.

   THE MOTION PASSED by unanimous voice vote.

   HOWE/SANTLEMAN MOVED THE SENATE APPROVE the new course, PHIL 314 Computer Ethics.

   THE MOTION PASSED by unanimous voice vote.

E. New Business

F. Question Period

1. Questions for Administrators

   None.

2. Questions from the Floor for the Chair

   HOWE asked if someone could comment on tuition changes scheduled for Winter and Fall 20004, and their potential impact with respect to our enrollment target. TETREAULT noted that the intent of eliminating the tuition plateau is to raise revenue. The impact on students will be to make costs more equitable for students. There is a negative financial impact on graduate students in certain cohort programs, where the credit hour requirement is sometimes as high as sixteen hours per quarter. This is most true for Social Work and Education, and to a degree, for Fine and Performing Arts. Tuition remission limitations
imposed by the legislature figures into the calculations, as well. There has been some talk that enrollment will be effected, but there are no definitive figures relative to that. DRISCOLL noted that we are not necessarily throwing revenue away from certain credits that may diminish. The greatest challenge will be whether we can provide immediate relief around some of these cohort programs.

G. Reports from Officers of the Administration and Committees

None

H. Adjournment

The meeting was adjourned at 3:38 p.m.
To: Faculty Senate, Steering Committee

From: Susan Danielson, Chair
Graduate Council

The Graduate Council has approved the following courses for your consideration.

**College of Engineering and Computer Science**

**Electrical and Computer Engineering**

**ECE 483/583 Low Power Digital IC Design, 4 credits – New Course**

Introduction to the existing techniques for IC power modeling, optimization and synthesis. Topics include: sources of power dissipation, design for low power, voltage scaling approaches, power analysis techniques, power optimization techniques, low-power system-level designs. Focus on abstraction, modeling and optimizations at all levels of design hierarchy, including the technology, circuit, layout, logic, architectural, and algorithmic levels.

**ECE 535/635 Statistical Signal Processing, 4 credits – New Course**

Unified introduction to the theory, implementation, and applications of statistical signal processing methods. Focus on estimation theory, random signal modeling, characterization of stochastic signals and systems, and nonparametric estimation. Designed to give a solid foundation in the underlying theory balanced with a discussion of the practical advantages and limitations of nonparametric estimation methods.

**Civil and Environmental Engineering**

**CE 44/540, Geosynthetics in Infrastructure Engineering, 2 credits - New Course**

Testing and design with polymer-based geosynthetic products in and on soil for the civil infrastructure. Strength-based design applications are introduced with design-by-buckling principles, and product approval for Transportation, Structural and Geotechnical disciplines. Use of geotextiles, geogrids, and geo-composites in slopes, mechanically stabilized earth retaining walls, pavement subgrades and overlays. Prerequisites: CE 444.

**CE 445/545 Geo-Environmental Engineering with Geosynthetics, 2 credits - New Course**

Application of polymer-based geosynthetic products for geo-environmental and municipal engineering including landfills, soil erosion control, filters, and drains. Testing, design and product selection for hydraulic, degradation and chemical stability properties. Introduction to reliability, endurance and design life with reference to RCRA< ESA and EPA laws. Prerequisites: CE 341.
CE 451/551 Traffic Control and Analysis, 4 credits – New Course
Traffic control principles; maintenance and responsibility for traffic control devices; choice of traffic control; signs, markings and signals; low-volume roads, temporary control and school areas, traffic control for highway-rail grade crossings, bicycles and transit; warrants for control; control techniques and analysis, advanced technologies. Prerequ: CE 351

CE 455/555 Intelligent Transportation Systems, 4 credits – New Course
Introduction to intelligent transportation systems, including enabling surveillance, navigation, communications, and computer technologies. Application of technologies for monitoring, analysis, evaluation, and prediction of transportation system performance. Intervention strategies, costs and benefits, safety, human factors, institutional issues, and case studies.

CE 458/558 Public Transportation Systems, 4 credits – New Course
Performance characteristics of public transportation systems, with emphasis on urban systems. Planning, design, and operational issues related to public transportation systems. Emerging technologies. Prerequisites: CE 351, CE 454 recommended.

CE 459/559 Transportation Operations, 4 credits - New Course
Operation, modeling and control of unscheduled and scheduled transportation modes; elementary traffic flow concepts; flow, density and speed; scheduling; route and bottleneck capacities; networks; data interpretation; analysis techniques; diagrams; simulation; queuing; optimization. Prerequisites: CE 351, CE 454 recommended.

CE 460/560 Access management Transportation systems, 4 credits – new course
Access management issues; geometric design, roadway operation and access; safety and other benefits; access design concepts; functional integrity of highway; driveway and intersection spacing; functional area of intersection; turn lanes; median openings; access management techniques; regulations and policy; case studies; research issues. Prereq: CE 351