

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
December 12, 2006

Representatives in Attendance: Hasan Akay (alternate), Barb Christe, Gabe Chu, Dave Dellacca, Mohamed El-Sharkawy, Stephen Hundley, Connie Justice, Brian King, Nancy Lamm, Laura Lucas (alternate), Paul Salama, John Schild, Erdogan Sener, Gail Shiel (alternate), Joy Starks, Wanda Worley

Guest: William Conrad, Cliff Goodwin, Dean Yurtseven

Meeting began at 11:00 a.m.

John Schild asked everyone to look over the agenda and advise him of any changes. There was a motion to accept the agenda from Nancy Lamm, all agreed; the agenda was approved by Faculty Senate.

John reminded everyone they should look at the meeting minutes prior to meeting. Copies of the minutes are not distributed at the meeting, but can be found at G:\COMMON\Senate documents in addition to being distributed to all faculty via the E&T Faculty email at least one week prior to the next Faculty Senate meeting. There was a motion by Barbara Christe to accept the minutes; the November 2006 minutes were approved by all Faculty Senate members.

Administrative Report

Academic Programs:

Dr. Yurtseven advised enrollment was still down, and Dean Conrad would give specific details shortly.

The Technology Review took place on November 27-28. There were two out of state visitors, and a number of people outside the university on the committee. Dr. Yurtseven advised he has not received their report yet, but at the exit interview some of the recommendations included:

- Develop comprehensive enrollment management plan
- Increase engagement with business, industry and alumni
- Find ways to get more support from IUPUI, IU and the Purdue University administration
- Restructure the administration of technology programs

The report should come prior to everyone leaving for the holiday, but may not be received until January. Dr. Yurtseven will give a full report on the Technology Review during convocation.

Faculty and Staff News:

Ken Reid (ECET) received \$20K Planning Grant from Indiana Department of Workforce

Siva Santhanakrishnan (ME) received \$15K grant from Purdue University

Courtney Wooton, a new staff member, will be the Assistant to the Chair for the Department of Mechanical Engineering.

Many faculty submitted proposals to the campus to establish Signature Centers. Faculty Senate questioned Dr. Yurtseven about the funding match if any School of E&T proposals are selected. Dr. Yurtseven advised the school is prepared to match funds for the proposals which require a match; some do not have a match. Please see the Dean's Report for the proposal information.

Events:

The CIT Department hosted the Marion County IT Fair on December 1, 2006. The fair was quite impressive and over 100 high school students attended.

IUPUI Alumni Office hosted the Holiday Night at the Indianapolis Children's Museum on December 5, 2006. The School of E&T had the largest number of alumni and friends in attendance.

Dean's Industrial Advisory Council met on December 7, 2006 and the speaker was Vic Lechtenberg, Vice Provost for Engagement from Purdue University. Doreen Gridley, from Ice Miller, will be the incoming chair for 2007 and Clayton Nicholas, from Delphi, will be the new Vice Chair. Doreen will join the school during convocation to make a brief presentation.

The E&T Holiday Party was held on December 8th, which combined the formal opening of ET Lower Level and the traditional Holiday Party. Over one hundred guests attended the event. Two of our industry partners, BSA Structures and Techanalysis were recognized for sponsoring a laboratory and the conference room in ET Lower Level. Wanda Worley suggested to Dr. Yurtseven the wording on the elevator should be changed to LL instead of B (basement) to promote the name better. Dr. Yurtseven also advised there are plans to add vending machines and more seating for the students to the outside of the Lower Level also. Gail Shiel felt card readers will be required to enter the Lower Level sometime in January.

For further details of the Dean's Report, along with a brief report from the General Education Review Committee, see Attachment 1.

Administrative Report from William Conrad

Dean Conrad advised the latest student enrollment figures are as follows:

5.2% down from this time one year ago, decrease of 131 students and 838 credit hours, which means the school is down \$168,000 due to this decrease in enrollment.

The evaluations were completed by 47.3% of the students; 55.6% completed the evaluations last fall.

Budgetary Affairs

Cliff Goodwin advised the committee met on November 29th. Faculty Senate asked Cliff to discuss the financial strategies as they apply to the Strategic Plan during this meeting. They are not sure what to do, but are looking at it. Budgetary Affairs will continue looking at this information and get back with Faculty Senate.

The committee also discussed the Technology Review; they discussed the challenges ahead of us and some of the items they heard regarding different parts of our organization. Dr. Yurtseven attended and took in the conversation.

Dave Dellacca asked if the committee might come back with some priorities once the review comes back from review committee. Maybe that will be beneficial to the committee.

Mohamed El-Sharkawy advised he is not sure of the issues. Cliff advised they looked at the curricula, administration, research, and scholarship areas. Gathered information and asked questions over a 7 month period; wanted the review committee to answer these questions. There are a number of issues; one major issue is how to stop declining enrollment. This bothers the school. There could be programs in jeopardy; see possible changes in marketing. Cliff advised they will look at faculty roles. Dave Dellacca mentioned the review will give a global view of how to best fit the resources we have. Cliff agreed and advised the review will probably touch every committee we have. Chairs will be asked to do some thinking about how we do business and how we run our departments. There is a lot of potential improvement to come out of this review.

Hasan Akay felt there should possibly be a subcommittee looking at modifying or looking at general education courses, perhaps keep some of these credit hours in the school. This would also provide a more specialized education to our students as well.

Computer Resources Committee

Hasan Akay reminded Faculty Senate that Marjorie Rush-Hovde sent out the entire document for the website guidelines. The committee would appreciate feedback on this. The committee will vote on the website guidelines at the February meeting. Hasan advised they welcome any suggestions you may have. The guidelines are to provide uniformity, appearance, and some content as well as accuracy of information available. Many schools and units have these types of guidelines for their websites.

John Schild suggested Hasan give a short presentation at the convocation, put up one or two pages to show the faculty. Hasan will provide to the Dean and will make a presentation if possible. Barb Christe felt there was no description in the document of how to make the website happen and questioned how authorization would be granted. Hasan advised departments will get authorization from the web master of the school. The chair will be the person to forward web information to, he/she can delegate to someone in their department. Dr. Akay will try to address this issue.

Constitution and Bylaws Committee – No Report

Graduate Education Committee – No Report

Grievance Board – No Report

Faculty Affairs Committee – No Report

Nominations Committee – No Report

Resources Policy Committee – No Report

Student Affairs Committee

Stephen Hundley discussed the pedestrian safety issue. There is limited intervention which the school has control over. There has been no action at this time.

For further details of the Pedestrian Safety Issue and the email correspondence see Attachment 2.

John Schild advised he sent a letter to the Chancellor from Faculty Senate, but has not heard from the Chancellor at this time. Police Chief Robert True advised this is a city problem; students/pedestrians should take more responsibility.

Undergraduate Education Committee

Barb Christe advised the committee met on November 27, 2006. She presented four new courses which were brought to the committee. Barb advised there is documentation on the web regarding these courses.

The courses presented are as follows:

BME 352 – Cell and Tissue Behavior, which is a cross listed course with Biology

BME 354 – Problems in Cell and Tissue Properties, a resuscitation course

TCM 425 – Managing Document Quality (TCM Certificate students currently take this course), has been taught as a 499 course previously

Hasan advised it would be helpful to have the names, credit hours, and pre-requisites for each course presented in the future.

Faculty Senate approved BME 352, BME 354 and TCM 425 courses.

One final course was proposed, Art 105, Introduction to Design Technology

Gail Shiel elaborated on Art 105 as follows: ART 105 is a 2 credit hour course designed to work with Tech 102 and provide for the new plan studies that ART AS will feed into: OLS BS, INTR BS and CGT BS. Students on the current CNT-ART BS plan of study will not be affected by the change. This plan will stay in effect for those currently admitted until a) The new degree plan/name change happens with CNT's program newly coded (which is projected to be Spring 2007); or, b) CNT and ART develop another 2 + 2 plan of study reflecting the changes in the curriculum of each. CNT's new plan, based on the prerequisites and course shown on the plan of study CNT has provided to illustrate its future plans would result in a 163+ credit hour requirement to mesh the new ART AS and the new CNT BS. DST is very open to further discussion that may lead to a future 2+2 ART AS and CMENT BS. Gail advised CNT is looking to rename itself CMENT (Construction Management Engineering Technology) and thus far has been successful up through the Purdue Board of Trustees in doing so. Thus, it is newly coded under a new name with its revised plan of study.

Faculty Senate approved ART 105 with one dissension not unanimous, 8 in favor; 1 opposed, 4 abstained

Laura Lucas advised CNT will have multiple plans as of January 1st students can use. Laura advised they have 2 BS, under CNT, with 2 plan codes. Admissions is currently admitting students under one code only.

Undergraduate Education looks over the courses...program of study can be manipulated. Hasan asked if all changes should go through Undergraduate Education Committee.

Cliff feels chairs should properly lead in the process concerning many of the issues/problems we have today. Having learned from this, we can stop in the future, perhaps through leadership and influence. Part of why we are here, strategic differences at chair level.

IUPUI Faculty Council

Cliff advised they met Tuesday, December 5th. There were no action items, but some first readings.

Boards of Review are looking at grievances based on tenure positions; what they do is take a look at grievances that look at tenure and promotion decisions. There were serious problems last year. Dr. Uday Sukhatme is formulating a 3 year process for all schools to follow to have fewer grievances.

The Executive Committee presented a report on the proposed reorganization of the Division of Labor Studies. There is still no final decision regarding this issue.

The IFC approved the merger of the IU School of Journalism at Indianapolis into the IU School of Liberal Arts; Cliff advised this should help both schools.

There was a follow up on the Black Student Initiative. Charles Bantz will be looking at how fees are being used. There will also be a group of professionals discussing the diversity center.

Dr. Akay, an at large member, mentioned the 3 year formative review of non tenured faculty. Not every school or unit has this policy in place; however our school has this in our bylaws.

Bart Ng has asked faculty in an open letter, to list their aspirations of IUPUI. Will draft a letter what we expect, and point out this conflict of interest. IU president is also CEO of Bloomington campus. Bart also has a letter he has sent to trustees; would like to share with Faculty Council also.

IUPUI Graduate Affairs – No Report

Purdue Intercampus Faculty – No Report

Purdue Technology Senate – No Report

Purdue Faculty Senate

Ken Rennels distributed a brief report from the Purdue University Senate meeting. *See Attachment 3 for the report.*

Old Business – No Report

New Business

Bill Conrad requested Faculty Senate approve the December 2006 graduate. Faculty Senate approved the December 2006 graduates.

The meeting ended at 12:15 p.m.; the next meeting will be on Tuesday, February 13, 2007, 11:00 a.m. in SL 165.

Attachment 1

Dean's Report for December 12, 2006 Faculty Senate Meeting

Academic Programs

- The enrollment numbers for spring 2007 indicate that the total student credit hours are down by 5.2% as compared to last year this time.
- IUPUI Technology Review took place on November 27-28, 2006. The visiting review team members were: Al McHenry (Arizona State University, East), Maurice Thomas (Utah State University), Kath Davis (former Lieutenant Governor of Indiana), Vic Lechtenberg (Purdue University), Nasser Paydar (IUPUC), Pat Kiely (Indiana Manufacturers Association), and Dave Becker (First Internet Bank). The report of the visit will be available within few weeks. At the Exit Interview, among many recommendations, the Review Team suggested the following:
 - Develop comprehensive enrollment management plan
 - Increase engagement with business, industry, and alumni
 - Find ways to get more support from IUPUI, IU, and Purdue University administration
 - Restructure the administration of technology programs

Faculty and Staff News

- Ken Reid (ECET) received \$20K Planning Grant from the Indiana Department of Workforce for Project Lead the Way Program.
- Siva Santhanakrishnan (ME) received \$15K from Purdue University for Indiana Space Grant Consortium student scholarship.
- We have a new staff member, Courtney Wooton, Assistant to the Chair for the Department of Mechanical Engineering who joined our school recently.
- Number of our faculty submitted proposals to campus to establish Signature Centers. They are:
 - Center for Computational Science and Engineering (Akay-ME)
 - Center for Advanced Orthodontic Research (J. Chen-ME)
 - Center for Sensor and Ad Hoc Networks (Kim-ECE)
 - Transportation Active Safety Institute (Koskie-ECE)
 - CyberInformatics Center (Jafari-CIT)
 - Biomechanics and Biomaterials Research Center (Turner-BME)
 - Motorsports Education Center (Hylton-MET)
 - Center for Healthcare Performance Improvement (Haag-MET)
 - Renewable Energy Center (Hsu-ME)

Events

- Marion County IT Fair was hosted by the Department of Computer and Information Technology on December 1, 2006. Joy Stark and her team lined up the judges, awards

ceremony, and a local radio station talk host show as main speaker for over 100 high school students.

- IUPUI Alumni Office hosted Holiday Night at the Indianapolis Children's Museum on December 5, 2006. Our school again had the largest number of alumni and friends joining the program.
- Dean's Industrial Advisory Council met on December 7, 2006 and the speaker was Vic Lechtenberg, Vice Provost for Engagement from Purdue University. The DIAC leadership changed hands as well. The Vice Chair for 2006, Doreen Gridley from Ice Miller will be the incoming chair for 2007 and the new Vice Chair will be Clayton Nicholas from Delphi. We thanked Joerg Schreiber for his leadership of DIAC during 2006.
- The formal opening of ET Lower Level and School's traditional Holiday Party took place on December 9. Over one hundred guests from the alumni, retired faculty and staff, industry advisors, campus administration, and current faculty and staff groups joined the event.

Administrative report: Dean Yurtseven

-----Original Message-----

From: Yurtseven, H. Oner

Sent: Tuesday, November 28, 2006 9:21 AM

To: Pfile, Richard E; Goodwin, Clifford R; Lamm, Nancy P; Conrad, William R.; Worley, Wanda L.

Cc: ET Chairs, Directors and Deans; Cooney, Elaine M.

Subject: General Education Review Committee
Colleagues,

This is a brief follow up of the "general education courses" discussion at the last Department Chairs meeting. I am pleased to appoint you [Pfile, Richard E; Goodwin, Clifford R; Lamm, Nancy P; Conrad, William R.; Worley, Wanda L.] to serve on the General Education Review Committee for the school. Bill Conrad agreed to be the convener of the committee. The charge to the committee is as follows:

1. Review the general education requirements for all AS and BS programs in the school.
2. Review ABET/EAC and ABET/TAC criteria a-k to identify all the "soft skills" that our graduates need.
3. Propose a new general education block (set of 4-6 courses) common to all of our engineering and technology programs which will address all of the ABET requirements. Please note that FIDER requirements for our INTR program may be somewhat different than ABET but if FIDER does not specify any general education component, we would follow ABET guidelines for INTR as well.

The purpose of this initiative is to streamline our general education requirements and offer our own courses (using ART, INTR, OLS and TCM subject codes for example) whenever possible so that we keep the most of the general education student credit hours in the school for obvious budgetary reasons. There are also several pedagogical reasons for redesigning the general education component of our curricula so that we have an integrated approach to meet the new ABET requirements on global issues, societal concerns, environment, internationalization, ethics, professionalism, etc.

Number of universities, Virginia, North Carolina, IIT, and Duke being few examples; have already created similar courses or blocks of required courses.

Please submit your written recommendations to me by March 1, 2007 so that we can move the proposed drafts to individual program/department curricular committees for review and approval.

Thank you.

H. Öner Yurtseven, Ph.D.
Dean
Purdue School of Engineering and Technology
799 W. Michigan Street, ET 219E
Indianapolis, IN 46202-5160
317-274-0802
Fax 317-274-4567

Attachment 2

Following is an e-mail I sent to the IUPUIPD Chief requesting information related to campus pedestrian safety issues.

I sent the e-mail on behalf of the IUPUI Student Affairs Committee.

My next e-mail will be the response to these questions.

I brought both of these e-mails to the attention of the E&T Faculty Senate Agenda Committee because they address safety concerns raised by E&T faculty and students.

Please include these as an attachment or appendix in the electronic minutes for the next Faculty Senate meeting.

Thank you
Rob Wolter

From: Wolter, Robert M
Sent: Wednesday, November 29, 2006 1:07 PM
To: Norris Jr, Paul E
Subject: Student Pedestrian Safety Measures

Dear Chief Norris:

I am a member of the IUPUI Student Affairs Committee, chaired by Marsha Ellett. The committee is looking into student pedestrian safety issues. This is in response to the personal accident injury that occurred on November 2, 2006 in front of the Engineering and Technology building at 799 W. Michigan Street.

I know that Bob Martin and Chancellor Bantz expressed concern for this issue during a recent faculty senate meeting. I am contacting you to find out what, if any, steps are being taken to increase student pedestrian safety on campus.

Specifically, I would like your help in finding the answers to these questions:

1. Will the campus/city install flashing lights at crosswalks located on Michigan and New York Streets?

2. Will the city place school zone speed limit signs along Michigan and New York Streets?
3. Will the campus increase the number or frequency of campus police speed zones along Michigan and New York Streets?
4. Will the campus police be available to control traffic along Michigan and New York Streets during periods of heavy student pedestrian usage?
5. In addition to these measures, what additional steps or plans is the campus considering for increasing student pedestrian safety and reducing accidents?

Our next meeting is scheduled for December 15. I would appreciate it if you could provide me with this information, or direct me to someone who can, before our next meeting.

Thanks for your help.

Sincerely,

Robert Wolter

Robert M. Wolter
Lecturer, Department of Organizational Leadership and Supervision
Purdue School of Engineering and Technology at Indianapolis, IUPUI
email: rmwolter@iupui.edu
phone: 317.278.2379
fax: 317.278.3669

Here is the response from IUPUIPD Deputy Chief Propst regarding the student pedestrian safety issues I spoke of in my earlier e-mail.

Please also include this in the electronic minutes for the December 12 meeting.

Thank you.

Rob Wolter

From: Propst, Larry D
Sent: Thursday, November 30, 2006 9:19 AM
To: Wolter, Robert M
Cc: Norris Jr, Paul E
Subject: Response to your email 11/29/06

Mr. Wolter,

Chief Norris has requested that I respond to your email. I will answer you questions the best I can, in the order you have asked them.

1. The city has repeatedly told us they will not install flashing lights at pedestrian crosswalks. Studies have show that if motorist do not obey the crosswalk sign they will not obey the flashing lights. The campus police have concurrent jurisdiction to enforce state traffic laws on the city streets but the campus does not have the authority, without the city's permission, to install regulatory signs on public streets.
2. This is not a school zone by Indiana law. School zones apply to primary and secondary education only. Indiana University is a business whose business is higher education.
3. We will and have increased as time permits.

4. I'm not exactly sure what you are asking. Pedestrians should be crossing at protected intersections (those with automatic signals) and crossing in accordance with the pedestrian crosswalk signals or utilizing the skywalks. On a daily bases I see pedestrians crossing against the lights and crossing mid-block because it is inconvenient to go to the closest signaled intersection.
5. We have requested the city to lower the speed limit on Michigan and New York Streets (we having been requesting this ever since the speed limited was raised to 35 MPH), install "scramble lights" at key intersections, repaint existing appropriate crosswalks and remove those that are not appropriate or in violation of state statutes and change the timing of some of the automatic signals to allow longer pedestrian crossings.

The University Police also have great concern about pedestrian safety; however, we are limited about what we can do by law and manpower. Roadways are constructed to accommodate vehicular traffic and for the most part laws are enacted to control the flow of that traffic. Additional laws are enacted to protect pedestrians crossing those roadways but are generally narrow in scope. Pedestrians have to assume a great amount of responsibility for their own safety when crossing the roadways. Yesterday a pedestrian was struck who was crossing against the light and stepped from a row of stopped vehicles waiting to make a right hand turn, into the path of a vehicle, giving the driver no opportunity to see her or avoid striking her. Fortunately she did not appear to be injured and had left the scene before we arrived. The driver, who was visibly upset, contacted us by cell phone. I happened to be walking by as she was on the phone with our communications center. Since the pedestrian was walking in the direction I came from, I apparently walked passed her. We are attempting to contact the pedestrian to make sure she was not injured.

Larry D. Propst
Deputy Chief of Police

Attachment 3

Purdue University Senate

Report to EGTC Faculty Senate

December 12, 2006

1. November 20, 2006 Meeting
 - a. Remarks by President Jischke
 - Percentage of ethnic minority undergraduates has grown from 9.7 percent in the fall of 2000 to 13.1 percent this academic year.
 - b. Resume of Items Under Consideration
 - See attachment
 - c. Senate Action – Changes to the Senate Bylaws [University Senate Document 06-2] was approved. Reapportionment of the Senate [University Senate Document 06-3] was approved.
 - Both of these actions are related to the North Central campus becoming autonomous. Reapportionment does not affect the one IUPUI seat on the Purdue University Senate.
 - d. Update on the OnePurdue Project
 - Financial Management System - Implementation of new software from SAP underway.
 - Student Information System – Original decision to utilize SAP software under review when provider could not fulfill Purdue’s requirements without significant modification and expense. Decision to use Banner recommended by student services and now under executive review.
 - e. Full minutes can be found at:
<http://www2.itap.purdue.edu/faculty/documents/Minutes%20for%20Nov%202006.pdf>
2. Next Meeting: Monday January 22, 2007
3. Submitted by: Ken Rennels, IUPUI Representative to Purdue University Senate.

20 November 2006

TO: University Senate

FROM: Ralph Webb, Chairperson, Steering Committee

SUBJECT: Resume of Items Under Consideration by the Various Standing Committees

STEERING COMMITTEE Ralph Webb, Chairperson rwebb@purdue.edu

The primary responsibility of the Steering Committee is the organization and distribution of the agenda for each meeting of the University Senate. This committee also receives communications from any faculty member or group of members and directs such communications to appropriate committees or officers for attention.

ADVISORY COMMITTEE Bernard Y. Tao, Chairperson of the Senate tao@purdue.edu

The responsibility of the University Senate Advisory Committee is to advise the President and/or Board of Trustees on any matter of concern to the faculty.

NOMINATING COMMITTEE Natalie J. Carroll, Chairperson ncarroll@purdue.edu

The Nominating Committee is responsible for presenting nominations for the University Senate and University committees. In filling committee vacancies the Nominating Committee seeks to have all interested Senators serve on at least one committee.

EDUCATIONAL POLICY COMMITTEE Carol L. Baird, Chairperson bairdcl@purdue.edu

1. Evening exams
2. Implementation of Redlining Policy
3. Student Attendance/Absence Policy

FACULTY AFFAIRS COMMITTEE Mark T. Morgan, Chairperson mmorgan@purdue.edu

1. Reapportionment of the Senate due to North Central Campus autonomy
2. Post-tenure review and faculty development including mentoring procedures
3. Review of campus limits for non-tenure track clinical faculty
4. Term limits for Documents & Records Committee
5. Privacy of personal health information

STUDENT AFFAIRS COMMITTEE Mark D. Bowman, Chairperson bowmanmd@purdue.edu

1. Review of the Student Bill of Rights
2. Follow-up concerning the Student Conduct Code
3. Follow-up with Student Services Office concerning disciplinary process

UNIVERSITY RESOURCES POLICY COMMITTEE Morris Levy, Chairperson

levy0@purdue.edu

1. Faculty input into the budget process: Graduate staff fee structure & the Strategic plan
2. Review of campus way-finding and signage plans and campus energy sufficiency
3. Review of Faculty Committees

Vice Chair of the Senate, George M. Bodner, gmbodner@purdue.edu

Secretary of the Senate, Joseph W. Camp, Jr., jcamp@purdue.edu

University Senate Minutes; <http://www.purdue.edu/usenate>