PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
September 14, 2004

Representatives in Attendance: Bill Conrad, Barbara Christe, Gabe Chu, Jerome Clark, Jan Cowan, Hazim El-Mounayri, Charlie Feldhaus, Andrew Hsu, Chul Kim, Brian King, Tim Price, Ken Reid, Adam Siurek (alternate), Paul Salama, Joy Starks, Heather Woodward (alternate), Charlie Yokomoto

Guests: Hasan Akay, Ed Berbari, Ken Rennels, John Schild, Dean Yurtseven

Meeting began at 11:00 a.m.

The minutes from May 11, 2004, were motioned for approval by Andrew Hsu, seconded by Joy Starks and the rest of the faculty agreed. Bill advised all members the minutes will be emailed to the faculty and no copies will be distributed at the meeting. Copies of the minutes from meetings can be found at: G:\COMMON\Senate documents.

Administration Report

Dean Yurtseven presented the Administration Report *(Attachment 1)*.

Academic Programs:

IUPUI slightly increased in credit hours (1.3%) and student headcount (0.3%) over last semester (new record of 29,950 students). Dr. Yurtseven advised Bloomington and other IU schools decreased some in their headcount and credit hours. In ET our headcount decreased to 2,451 (4.4% drop) and our credit hours went down 3.4% to 23,145.

Both CIT and CGT are down in hours/students. CIT is 1/3 of the schools hours/students, so when this department is affected the entire school is affected. Our school had a decrease of 12% in May and June, but in the end had a 3% decrease. Dr. Yurtseven thanked Terri Talbert-Hatch and the departments for their help over the summer in calling/recruiting students to register for the fall semester. Ed Berbari asked if Dr. Yurtseven felt the decrease was due to the economy or Informatics. The dean advised Computer Science is down also, but Informatics had an increase in students/hours. Dr. Yurtseven also advised University College showed a decrease in numbers which in turn may affect the schools service courses.

Dr. Yurtseven also advised the school projected lower numbers so we should not have to return any funding due to projecting numbers correctly.

Biomedical Engineering now has 6 faculty members and recruitment efforts are ongoing for 2 more faculty members and a chair. The MS program in technology is currently through a partnership with Purdue; the degree should be approved by next fall to be completely offered through IUPUI. Ken Reid is currently chair of the ET Online committee.

There were many Peoplesoft issues for the fall semester. Dr. Yurtseven advised there were troubles with Butler Students (billing, etc.) which was embarrassing for the school.

Faculty News:

New faculty members who recently joined the school include: Dong Xie (BME), David Dellacca (CIT), Wei Wang (ECE), Jim Brown (ECET), Darrell Nicholson (CNT), Mary Anne Frank (CNT). Sohel Anwar (ME), Mark Bannatyne (MET), Jessica Vance (MET), Heather Woodward (MET), and Becky Fitterling (TCM). Dr. Yurtseven introduced the new faculty during the convocation, there will be one more new faculty coming in October.

There were many grants awarded, please see the Dean's Report attached for more detailed information. Stephen Hundley is on sabbatical this semester. Pat Fox has been elected to serve on the Board of Directors and the Executive Board of ASEE. Jack Zecher published "Finite Element Analysis: Tutorial Using Algor version 1.4", by SDC Publications.

Staff News:

New staff members who recently joined the school include: Kelly Koher (ME), Robin Waldron (BME), Anna Shiver (ECET), Joe Huerkamp (MET), Joshua Killey, Karen Sloan and Tiffany Persson (Student Services) and Laura Breedlove (CNC).

Events:

The school picnic was held on Saturday, September 11, at Eagle Creek Park. It was a nice day, around 75 attended.

Explore IUPUI will be held on Saturday, September 18th, and the school has many events planned.

For further details of the Dean's Report see attachment I.

Administrative Report from Ken Rennels

Ken Rennels distributed a handout regarding updated information on the SAT beginning March 2005. There were two testing components, critical reading and mathematics. They have added a third component, critical reading. Ken advised this may affect the 2005 students, and will for sure affect our 2006 students. The Educational Policy Committee will review the guidelines and see if we want to include the writing portion in our SAT requirements. Along with the SAT information Ken handed out 2005 admission guidelines.

Ken also mentioned Purdue requires a 2.0 GPA for their AS degrees, we currently require a 1.9 GPA. Educational Policy Committee will look at this issue and decide if we should also require a 2.0 for the AS degree.

The Educational Policy Committee will review our Dean's list requirements and possibly make some changes in this area. The committee will also look at the acceptance of credits from the University of Phoenix and whether we should decide on an individual basis or have a school wide policy regarding this issue..

Ken handed out information on the System Information System (SIS) status (see Attachment 2). Insite and IUIS will no longer be used; Faculty, Staff, and students will be directed to use Onestart. September 15th is the go live date for degree audits. On October 2nd Phase 7 will be implemented. The December 2004 and May 2005 degree audits will be through SIS. On December 31, 2004, the system will go from the implementation to maintenance phase. There were no washouts for the fall semester, and there is discussion that this may continue. October 1st is the last day to be trained for faculty and staff for the new system.

Ken advised the deans office is looking at paper work flow and reviewing procedures. His office will also be checking with the department chairs if they are not advised of whom in each department is doing degree audits.

Ed Berbari asked about Safeword cards. Ken advised Sherri is checking with Bloomington about these.

Constitution and ByLaws Committee

Bill advised updated bylaws are on the G drive.

Nominations Committee

Ken Reid approved the representatives for the committees, Charlie Yokomoto seconded this motion. Faculty Senate members voted on chairs for the various committees during the meeting. Paul Salama and Ken Reid counted the ballots. After counting the ballots Ken Reid made a motion to accept the elected chairs and the committee agreed. Ken Reid advised he will destroy the ballots.

The following faculties were elected as chairs for the following committees:

> Educational Policy Committee – Cliff Goodwin
> Constitution and Bylaws Committee – Marjorie Hovde-Rush
> Graduation Education Committee – John Schild
> Student Affairs Committee – Nancy Lamm
> Budgetary Affairs Committee – Rich Pfile
> Faculty Affairs Committee – Hasan Akay
> Grievance Board – Maurice Bluestein
> Nominations Committee – Doug Acheson
> Resources Policy Committee – Ed Sullivan

The next meeting of the Agenda Committee, which is made up of all the committee chairs, will be October 1st at 12:00 in ET 137.

Student Affairs – No Report

Faculty Affairs – No Report

Educational Policy – No Report

IUPUI Faculty Council

Ed Berbari advised graduation will be on May 8th which may affect the final exam schedule. There may be more information to follow regarding this change (may affect final exam schedule).

Ed advised the school gave out emergency loans to some students due to PeopleSoft and Financial Aid troubles.

Three new councils have recently been formed, and are as follows (along with chair of committee):

> Retention and Graduation – Scott Evenbeck
> Enrollment Management – Becky Porter

Civic Engagement – Bob Bringle

Chancellor Bantz introduced new deans at the September 7th Faculty Council meeting.

There are administrative reviews scheduled for Trudy Banta, Darrell Bailey and Valerie Eickmeier. Someone inquired about how one is chosen to be on the review committees; the Executive Committee gives the chancellor a list of suggested faculty.

Charlie advised the school is looking at enrollment management, like many major universities. Our enrollment management would look at managing size and other areas. Years ago, ICHE asked for a study of degrees granted, and some departments had to defend why they should continue to exist. This time, the request will be from within Indiana University. John Schild asked about facility size and if this would be a factor.

Charlie also mentioned Dean Plater advised faculty there were quite a few instances during summer semester where faculty canceled classes and therefore drops in enrollment occurred. Faculties are urged not to cancel summer courses unless there are good reasons.

For details on the above information and all other Faculty Council meeting notes please look at their website: www.iupui.edu/~fcouncil.

Graduate Ed Committee – No Report

Resources Policy – No Report

Budgetary Affairs – No Report

Grievance Board – No Report

Purdue Intercampus Faculty – No Report

Purdue Technology Senate – No Report

Old Business – No Report

New Business

Ken Rennels advised the Dean's office is looking at workload for visiting and full time lecturers. Faculty Affairs will be reviewing this along with online courses and summer employment. Charlie Yokomoto heard about converting all positions to 12 month positions, there was a hint of talk on this. Tim Price asked why they were thinking about this, no one knows at this time.

Bill Conrad advised there is a proposal for a new certificate to be offered through the Kelley School of Business, SPEA and ET. Some of our courses will fit into this certificate. The Educational Policy Committee will be looking at the certificate in the near future.

Charlie Yokomoto advised the IU President, Adam Herbert, has chosen to visit our Agenda Committee. Dr. Herbert gave his 2004 State of the University speech on September 14th which was web cast.

Charlie also advised there may soon be a differentiation among campuses regarding which schools can do certain things.

Hasan Akay asked about Faculty Senate minutes and felt they should be accessible via the web. Bill advised all where they could be found on the G drive.

The meeting ended around 12:00 noon; the next meeting will be on October 12, 2004.

Attachment 1

Dean's Report for September 14, 2004 Faculty Senate Meeting

Academic Programs
- With the official count completed, IUPUI headcount went up 0.3% to 29,950 (new record) and student credit hours increased by 1.3% to 312,225 (new record). In the School, our headcount decreased to 2,451 (4.4% drop) and our student credit hours went down 3.4% to 23,145.
- Biomedical Engineering Program became the new Department of Biomedical Engineering with six full-time faculty and new staff member Robin Waldron.
- Articulation agreement has been signed with the Purdue University School of Technology and our School to offer Master of Science degree program in Technology at IUPUI. Purdue University Graduate School approved the agreement. A full proposal to offer Indianapolis specific degree is in the approval process.
- ETOnline will be energized again with the formation of "Distributed Learning Committee" chaired by Ken Reed.

Faculty News

- New faculty members joining us are Dong Xie (BME), David Dellaca, (CIT) Wei Wang (ECE), Jim Brown (ECET), Darrell Nicholson (CNT), Mary Anne Frank (CNT), Sohel Anwar (ME), Mark Bannatyne (MET), Jessica Vance (MET), Heather Woodward (MET), and Becky Fitterling (TCM).
- John Schild received $338,625 continuation grant from NIH to his proposal, "Nurobiology of Baroreceptor Perikaya and Afferentation".
- Purdue University Technical Assistance Program funded service contracts to Akin Ecer ($41,148), Ed Sullivan ($32,208), and Connie Justice ($15,252) for 2004-05 to assist small businesses in and around Indianapolis in the areas of mechanical engineering and information technology.
- Ed Berbari received a new research funding of $75,410 from Medtronics Inc. for his proposal," Design, Build, and Subject Data Collection for Surface Electrocardiocgraphic Recordings".
- Connie Justice received $118,312 from NSF for her joint proposal "Collaborative Project: Information Assurance and security Curriculum and faculty Development".
- Liz Coles received $12,000 from NSF for her proposal," Green Organizations: Global Responsibility for Economic and Environmental Necessity".
- Yaobin Chen received funding of $27,018 from Linx Electronics, Inc. for his continuing work on "VHDL Code Simulation and Testing for DTV Related Projects".
- Rich Pfile received $11,694 from Focus Surgery Inc. for his proposal," Sonablate Laproscopic (SB-L) Software Development".
- Charles Feldhaus received $30,000 from Indiana Department of Workforce Development for his proposal,"CarlD. Perkins Vocational and Technical Education Act, technology Planning Grant".
- Razi Nalim received Allison Advanced Development Co. subcontract awarded from NASA for $68,197 on "CVCCE Technology Utilizing Wave-Rotor Configurations – Seals Development.

- Razi Nalim received Fulbright Scholarship from the US Department of State for research on "Computational Study of Small IC Engines to Reduce Emissions" and teaching in Sri Lanka in 2004-05. He plans to use spring 2005 semester as a sabbatical for this.
- Stephen Hundley is on sabbatical during fall 2004 semester.
- Under the supervision of faculty advisors Ramana Pidaparti and Siva Krishnan, a group of undergraduate ME students received $5,000 grant from ASHRAE for " Design modification of a gas furnace to meet ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings".
- Gabriel Chu, Biomedical Engineering, submitted Invention Disclosure for "A biodegradable, load-bearing, multiple-factor releasing carrier for bone generation".
- Faculty members Ken Reid (ECET), Laura Lucas (CNT), Stanley Chien (ECE), Pete Hylton (MET), Emily McLaughlin (CNT), Doug Acheson (MET), and Bill Watson (CIT) received Honors Course Development Grants.
- Pat Fox has been elected to serve on the Board of Directors of ASEE as the Chair of Engineering Technology Council for 2004-06, and she was elected as the Vice President of Institutional Councils for 2004-05 which puts her on the Executive Board of ASEE as well.
- Jack Zecher published "Finite Element Analysis: Tutorial Using Algor version 1.4", by SDC Publications.

Staff News
- New staff members who joined us this academic year are Kelly Koher (ME), Robin Waldron (BME), Anna Shiver (ECET), Joe Huerkamp (MET), Joshua Killey, Karen Sloan, and Tiffany Persson, Student Services, and Laura Breedlove, Computer Network Center.

Events
- School picnic was held on Saturday, September 11, 2004 at Eagle Creek Park. Over 75 faculty, staff, and their families attended.
- Explore IUPUI will be held on Saturday, September 18 and our School has several activities for the visiting public.

Attachment 2

Student Information System (SIS) Status – September 14, 2004

E&T Steering Committee:	Dave Williamson (CIT)	Larry Hill (SIS)
	Kelly Keelen (Dean's Office)	Vickie Lawrence (Dean's Office)
Degree Audit Coding Team:	OLS: Cliff Goodwin	Engineering: Janet Meyer
	MET: Jamie Workman	ECET: Pam May
	CNT: Diane Patton	CIT: Dave Williamson

SIS Timeline:

- September 15th – next go-live date for degree audits.

- October 2nd – Phase 7 implemented. Essentially all SIS capabilities will be active including degree audits for continuing students.

- December 2004 and May 2005 degree audits will be through SIS.

- December 31, 2004 – SIS will be 100% implemented and move from implementation to maintenance status.

General Notes:

- Several SIS issues with Financial Aid and Student Financials (Bursars Office) resulted in cancellation of non-fee payment washout for fall semester. Washout may be permanently cancelled based on analysis of fall semester enrollment patterns.

Coding Status:

- Testing of degree audit coding yielding positive results. Number of exceptions (substitutions) considerably less under SIS compared to IUCARE.

- EGTC does not have any "live" degree audits at this time. School will move several plans of study to live status September 15th.

	#Plans of Study to be Coded	Total time @ 120/hrs/plan	#Plans of Study Complete
CIT	20	2400	16
CNT	15	1800	9
ECET	8	960	0
ENGR	5	600	0
MET	16	1920	6
OLS	4	480	3
Total	68	8160	34

Training Notes:

- SIS basic training for new faculty and staff is scheduled for October 1st, 9:00a – 2:00p.

- SIS degree audit training for departments is scheduled for October 1st, 2:00p – 4:00p.

Policy and/or Procedure Changes:

- Degree audit exceptions authority (substitutions) will be given to departments.

- Maintenance of present degree audits and development of degree audit for new programs will be the responsibility of each department.