

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY
Faculty Senate Minutes
November 8, 2005

Representatives in Attendance: Hasan Akay (alternate), Mark Bannatyne (alternate), Sally Catlin, Stanley Chien, Jie Chen, Barbara Christe, Bill Conrad, Jan Cowan, Brian King, Daphene Koch, Nancy Lamm, Paul Salama

Guests: Ken Rennels, John Schild, Dean Yurtseven

Meeting began at 11:10 a.m.

The minutes from October 11, 2005, were motioned for approval. Sally Catlin approved, and all in attendance agreed. Copies of the minutes are not distributed at the meeting, but can be found at: G\COMMON\Senate documents.

Administration Report

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

Academic Programs:

Dr. Yurtseven advised Biomedical Engineering, Electrical and Computer Engineering and Mechanical Engineering went through IUPUI Academic Review October 12-14, 2005. The main areas of review were primary research and graduate programs.

The Graduate Open house was held on October 20, 2005; many attended in the evening from industry.

The school along with the School of Science, held an open house on October 22, 2005, which replaced Explore IUPUI at the campus level. All of our departments and programs were involved.

The School participated in Scholarship Day on October 28, 2005. The entire campus participated; we had 7-8 students involved.

Faculty and Staff News:

Chancellor's Employee Recognition Convocation took place on October 11, 2005. Daphene Koch was honored for the Glenn Irwin Service Excellence award, Phyllis Koch was honored for 25 years of service, and Janet Meyer and Sheila Walter were recognized for receiving the Carol D. Nathan Scholarship awards.

Joy Starks (CIT Department) co-authored another textbook, "Java Programming" with Shelly, Cashman, and Mick, published by Shelly Cashman Series.

Events:

The Frontiers in Education (FIE) Conference was held in Indianapolis on October 20-22, 2005. This conference gave IUPUI some national exposure.

Our school was a focus sponsor for the 2005 IUPUI Assessment Institute which was held on October 22-25, 2005. Joseph Hoey, from Georgia Institute of Technology, was the plenary speaker for the engineering and technology theme.

The IUPUI Alumni Office helped organize a lunch on October 24, 2005, for ET alumni employed at Rolls Royce; Razi Nalim was the speaker.

Another alumni luncheon took place on October 27, 2005 at the Naval Surface Warfare Center at Crane; Russ Eberhart was the speaker on research.

The school signed a Memorandum of Understanding with Kadir Has University, Turkey to begin a student and faculty exchange program in Electrical and Computer Engineering.

The Annual Glick Luncheon was held on November 3, 2005. Three students received Glick Scholarships, one each from Ball State University, IUPUI and IU, Bloomington. Matthew Ventimiglia, with CNT, was one that was honored.

Our faculty and staff, along with student groups and school administrators, met William Farr, Vice President of "Engineers without Borders-USA" on November 4, 2005. There are currently chapters at Rose Hulman, Purdue West Lafayette and Valparaiso University. Our school plans to start a student chapter of this organization.

Dr. Yurtseven advised he would have budget information at the next meeting.

For further details of the Dean's Report see Attachment 1.

Administration Report from Ken Rennels

The initial Spring enrollment numbers as of Monday, November 7:

| | |
|---------------|-------------------------------|
| IUPUI Campus: | -10,085 credit hours (-7.38%) |
| EGTC School: | -1,606 credit hours (-14.36%) |

The School hours are down primarily in technology and undergraduate hours.

Scheduling Changes:

The campus will have new time modules for the Fall 2006 semester. The School of Science has agreed to follow the new time modules also. Ken distributed the new Math schedule to the chairs Tuesday morning, November 8th. Ken also reminded Faculty Senate he is asking departments if

possible to not schedule classes during the TR, 12:-00-1:15 time module. This will allow student organizations and faculty committees to meet during this time. Ken realizes some courses may need to be scheduled at this time, but if possible try to keep this slot open.

SIS Update:

Ken advised his group is almost finished with the undergraduate coding and will begin coding graduate degrees this spring and summer. They are continuing to review a large number of students who are in wrong plan codes. CIT had majority of students in wrong plan codes; the registrar is almost done with their recoding.

IU system is in progress of converting 850,000 legacy student records into SIS.

The next update to SIS will be spring 2008 (version 8.9).

Online Course Evaluations:

The school has moved the online course evaluations from the CIT server to CNC server, with a few minor enhancements. The look and feel will remain the same. The ET Student Council is testing the evaluations, finding bugs, etc. The evaluations will go live in a couple weeks and will be available Monday, November 28 through Monday, December 12.

John Schild asked if students will see any results of the evaluations. This has been discussion, but at this time students do not see any evaluation data.

Office of Recorder Update:

The Recorder's office is looking at an extensive student database system, which was designed several years ago. Some parts of the system are not used at all. Human Resource department will be helping them with an Accelerated Improvement Process (AIP) project, to review the EGTC student records database system. The system should eliminate duplication. An analysis will be done by the end of this year. They are going to users first to see what is needed.

Constitution and Bylaws Committee – No Report

Graduate Education Committee

Mark Bannatyne advised ECE is adding a course and the committee felt it was documented appropriate, ECE 684, Linear Multi Variable Control. This is a Purdue Course and they plan to start teaching this course spring 2006 if they can get it in the system in time. All approved this course.

Mark asked if there was a motion to add representative from all departments to the Graduate Education Committee. This will be discussed at the next Faculty Senate meeting. Mark also mentioned the committee names for the Graduate Education Committee and Education Policy

Committee are not consistent. It was suggested Faculty Senate should prepare a proposal to make the names more consistent. This in turn would go to the Constitution & Bylaws Committee.

Student Affairs Committee – No Report

Budgetary Affairs Committee – No Report

Nominations Committee – No Report

Resources Policy Committee – No Report

Educational Policy Committee

Barb Christie advised the Educational Policy met on October 24th. They endorsed 4 courses which are as follows for Faculty Senate approval.

- ENGR 196 – Introduction to Engineering, change of pre-requisite (coincide with Math department change).
- ENGR 197 – Introduction to Programming Concepts, change in hours (3 to 2) and change in course description.
- ENGR 297 – Computer Tools for Engineering, new course after changing ENGR 197 to 2 credit hours, added ENGR 297 for 1 credit hour MATLAB portion.
- ECE 270 – Introduction to Digital System Design, added existing Purdue course.

Faculty Senate approved all of the above courses.

Computer Resource Committee (CRC)

Hasan Akay advised that the committee met last week. CNC director Bill Lin reported on the status of activities of CNC. He reported that CNC labs are still being upgraded; many labs have Pentium 4, some still need upgrades from Pentium 3 as funds become available.

CNC is making preparations for the ET Basement move scheduled to be ready for Fall 2006. There will be a lot of activity this summer getting the rooms ready. CNC offices and labs, and CIT labs will be in the ET Basement. The school is also hoping there will be some space available for students to study in groups or individually. He informed the committee that there are no major software changes for the spring 2006 semester and advised faculty to make requests as needed as soon as possible.

CNC is planning to offer mini clinics to inform staff and faculty about security issues with regard to email and privacy; November 11 is the first clinic. Don Krajewski, Manager of Academic Computing, gave a preview of the mini clinic to the Computer Resources Committee and Hasan feels all faculty and staff could benefit and should attend the clinics. There is extra activity in

addition to present security measures in place. Hasan advised no matter how many precautions one takes there will always be security issues.

Hasan advised they have further information on the laptop requirement for incoming students. The School of Dentistry and School of Business already have a policy requiring students to have laptops. The pre-doctoral students in the School of Dentistry are required to have a Dell computer. The schools' IT operations have agreements with a hardware vendor in case there are problems. They have about 100 students per year and in the future may extend the requirement to dental hygienist and Ph.D. students, which will increase the numbers to 1,000 students. The School of Business requires laptops for their Masters students. The School of Dentistry has had this requirement since 1997. The committee is continuing to gather information on this issue.

Hasan advised the committee is recommending all .engr email addresses should be removed. Barb Christie advised this information is still on the list serves and other published information and she prefers continued support of this address. She advised Ken Reid has more information regarding this matter. John Schild feels it would be appropriate to phase out, but there might be some interruption in the process. Ken Rennels asked if CNC could produce data to see emails being used for ENGR or TECH emails. Nancy Lamm thought they requested everyone to get rid of these accounts several years ago. Barb advised Ken Reid feels there was an agreement to keep these accounts. Hasan feels we should think of phasing these addresses out due to security problems and promised that he will ask some data from CNC on the current usage of engr and tech accounts.

Faculty Affairs Committee – No Report

IUPUI Faculty Council – No Report

Grievance Board – No Report

Purdue Intercampus Faculty – No Report

Purdue Technology Senate – No Report

Old Business – No Report

New Business – No Report

The meeting ended 11:45 a.m.; the next meeting will be on Tuesday, December 13, 2005, 11:00 a.m.

Attachment 1

Dean's Report for November 8, 2005 Faculty Senate Meeting

Academic Programs

- Departments of Biomedical Engineering, Electrical and Computer Engineering, and Mechanical Engineering went through IUPUI academic review during October 12-14, 2005. The primary focus areas of the review were research and graduate programs.
- Graduate Open House was held on October 20, 2005 on the first floor of ET building. Program advisors were at hand along with brochures and information materials on application and admission.
- Our school and the School of Science organized Engineering, Science, and technology Open House on October 22, 2005. All of our departments and programs organized displays, activities, and information sessions.
- School participated in the IUPUI Scholarship Day on October 28, 2005 during which potential scholarship students and their families met with department chairs, faculty, and advisors.

Faculty and Staff News

- Chancellor's Employee Recognition Convocation took place on October 11, 2005. Daphene Cyr (Glenn Irwin Service Excellence), Phyllis Koch (25th year), Sheila Walters (Carol Nathan Staff Scholarship), and Janet Meyer (Carol Nathan Staff Scholarship) were recognized from our school.
- Joy Starks co-authored another textbook, "Java Programming" with Shelly, Cashman, and Mick published by Shelly Cashman Series.

Events

- The 2005 Frontiers in Education (FIE) Conference was held at Indianapolis during October 20-22, 2005. The successful meeting gave IUPUI and our school some national exposure.
- Our school was again the focus sponsor of the 2005 IUPUI Assessment Institute which was held during October 22-25, 2005. Plenary speaker for the engineering and technology theme was Joe Huey from Georgia Institute of Technology.
- On October 24, 2005 IUPUI Alumni Office helped us organize a luncheon for our alumni working at Rolls Royce. Razi Nalim was the featured speaker.
- Another alumni luncheon took place at Naval Surface Warfare Center at Crane on October 27, 2005 and Russ Eberhart made a research presentation.
- We signed a Memorandum of Understanding with Kadir Has University, Turkey. The intent is to initiate student and faculty exchange program in electrical and computer engineering.
- Annual Glick Luncheon was held on November 3, 2005 where three students who received Glick Scholarships from Ball State University, IUPUI, and IU, Bloomington were recognized. Our student holding the Glick scholarship is Matthew Ventimiglia (CNT).
- William Farr, Vice President of "Engineers without Borders-USA" gave a presentation to faculty and staff, met with student groups and school administrators on November 4, 2005. The IUPUI Democracy Project and the Center for Service Learning supported the visit. There are plans to start a student chapter of this organization at IUPUI.