

Minutes
May 8, 2001
FS00-8

PURDUE SCHOOL OF ENGINEERING AND TECHNOLOGY, IUPUI

Approved September 11, 2001

Representatives in attendance: Jie Chen, Stanley Chien for Mohamed El-Sharkawy, Barbara Christe, Sanjiv Gokhale, Ali Jafari, Razi Nalim, Ramana Pidaparti, Ken Reid, Andy Schaffer, Charlie Yokomoto.

Guests: David Bostwick, William Conrad, Marvin Needler, Nasser Paydar, Harriet Wilkins and Oner Yurtseven.

Senate President, Sanjiv Gokhale, called the meeting to order at 11:10 a.m.

The agenda was adopted with one additional new course request, CGT 102. The minutes of the April 10, 2001 meeting were approved.

Dean Yurtseven presented the Administration Report, *Attachment I*. At this time, no information is available regarding the budget and no decision has been made regarding an increase in tuition.

Dean Paydar presented the May and August 2001 graduates for senate approval. A motion was made and passed to approve the May and August graduates subject to their satisfying graduation requirements.

Reports of Standing Committees

Educational Policy Committee

David Bostwick, chair, presented for discussion and senate approval the following proposed policy recommendations:

Policy #1 related to academic minor criteria and Policy #2 related to certificate program criteria.

With a slight language modification, the senate approved Policy #1 as stated below.

Policy #1: Academic Minor Criteria – “Minimum criteria for academic minors offered within the School of Engineering and Technology will include an overall 2.0/4.0 GPA and a grade of “C- “ or above for each course required for the minor and at least one-half of the required courses for the minor will be completed in residency at IUPUI. Any courses, e.g., web-based courses or courses via the Internet, delivered by an IUPUI School are considered to be residence courses for such purpose. The academic requirements for each minor offered by the School will consist of at least 21 semester

hours.” *The Faculty Senate approval included a motion that this policy takes effect immediately.*

After modifying the language to be consistent with Policy #1, the senate approved Policy #2 as stated below.

Policy #2: Certificate Program Criteria – “Students who are seeking one of the certificate programs offered by the School of Engineering and Technology must qualify for admission under the published criteria for one of the academic units at IUPUI and must complete at least one-half of the academic requirements for that certificate after admission to that certificate program. Although there are several admission and/or enrollment options open to certificate students, it is expected that all of this remaining course work will be in courses taught by one or more of the IUPUI academic units. Any courses, e.g., web-based courses or courses via the Internet, delivered by an IUPUI School are considered to be residence courses for this purpose.” *Faculty Senate approval included a motion that this policy take effect immediately except for students already pursuing an existing certificate program who might be negatively impacted by provisions of the new policy. These are to be dispatched on an individual basis.*

The following new program requests were submitted for senate approval.

Digital Electronics Minor (Electrical Engineering Technology Department) (22 credit hours)

The Digital Electronics Minor was approved as proposed and in accord with the newly adopted Academic Minor Criteria.

Computer Graphics Minor (Mechanical Engineering Technology Department) (18 credit hours)

The Computer Graphics Minor as proposed, failed to include a sufficient total number of credit hours to be fully in conformity to the new Academic Minor Criteria (Policy #1). The senate recommended the following action, request the MET Department modify the minor and notify Dr. Paydar when the total number of required hours for the minor has been increased to at least 21. When this modification has been presented to Dr. Paydar and meets his approval, the proposed minor with these modifications will stand approved by the Faculty Senate.

The senate approved the following seven new course requests.

- BMET 310 - Introduction to Radiography Systems (3 credits)
- CET 305 - Control Surveying (3 credits)
- CGT 102 - Introduction to Computer Graphics (3 credits)
- CGT 221 - Graphic Representation (3 credits)
- CGT 226 - Introduction to Constraint-based Modeling (3 credits)

- EE 424 - Electromechanical Systems and Applied Mechantronics (3 credits)
- IET 474 - Quality Improvement of Products and Processes (3 credits)

The senate approved the following four course change requests.

- CGT 242 - Technical Graphics for Supervision (2 credits)
- CGT 321 - Advanced Pictorial Representation (3 credits)
- CGT 423 - Manufacturing Document Production and Management (3 credits)
- ME 200 - Thermodynamics I (3 credits)

Curricular changes proposed by Department of Mechanical Engineering Technology that are scheduled to take effect fall semester 2001 were reported for information to the Faculty Senate in accord with School of Engineering and Technology policy.

Nominations Committee

Bill Conrad, chair, announced the results of the 2001-2002 election for representatives and committee members. Senate representatives then voted for the following committee chairs: Faculty Affairs, Nominations, Resource Policy, Educational Policy, Constitution and Bylaws, Student Affairs, and Budgetary Affairs. Mohamed El-Sharkawy was announced as 2001-2002 Faculty Senate President. Committee chairs were announced and a motion was made and passed to destroy the ballots. (*Attachment II*)

Constitution and Bylaws

Harriet Wilkins, chair, reported that votes on the amendment, related to section IA. Faculty Composition, (FS00-8-1), have been counted and the results were: 33 ballots returned, 29 approved, 4 rejected. With a 2/3 majority, the amendment has been approved.

The ME Department suggested the senate consider holding an open forum type discussion before voting on any future constitutional amendments.

Reports of Representatives

IUPUI Faculty Council

Charlie Yokomoto reported on the May 3, 2001 Faculty Council Meeting. Regarding the budget, a 3.2% increase is projected for colleges. Administration characterized this as “not good, but could have been worse.” Good news has been reported regarding fall enrollment figures and SAT scores are up. The tunnels connecting many of the Medical School buildings will be closed on August 1, 2001. Dean Yurtseven is tentatively included in the Review of Administrators taking place next year. Charlie explained the duties of the Faculty Grievance Advisory Panel whose members try to help faculty resolve grievances without filing for a Board of Review or help faculty determine if they have a reasonable case for a Board of Review. He also noted that retired faculty members are eligible to serve on the panel. The University Faculty Council approved and forwarded to the Board of Trustees their request for changes in the Partially Paid Family

Leave Policy from a three-year qualifying period to a one-year and from a half salary benefit to a two-thirds salary benefit. The current policy may be found on the Web at <http://www.indiana.edu/~ufc/policies/familyleave.hmt> Regarding the Policy on Accommodation for Religious Observances, students seeking accommodation for religious observances must make a request in writing by the end of the second week of the semester to the course instructor and should use the form located on the Registrar's Web site. The IUPUI Faculty Council has forwarded a recommendation to administration to ban the sale of cigarettes on campus. The Academic Affairs Committee presented for adoption a policy defining credit hours; the Faculty Council approved the policy.

Other Business and Announcements

Sanjiv Gokhale mentioned the Habitat for Humanity project and invited the representatives to the dedication on May 12, 2001.

Andy Schaffer congratulated Ken Reid on receiving the 2001 ASEE Illinois-Indiana Section Outstanding Teaching Award.

Sanjiv thanked everyone for their assistance during the past year.

The meeting adjourned at 12:50 p.m.

Attachment

Amendment to the Constitution, Constitution and Bylaws Committee, FS00-8-1, May 8, 2001.

Attachment I

Dean's Report for May 8, 2001 Faculty Senate Meeting

Two New Degree Programs

Indiana Higher Education Commission approved our request to offer the Computer Engineering Technology-AS and BS degree programs as its April 13, 2001 meeting at Vincennes University. The School plans to start the AS program in Fall 2001 and the BS program in Fall 2002.

Commencement 2001

Next week and in August 2001, we are expecting to award 46 certificates, 289 AS degrees in technology, 229 BS degrees in technology, 30 BSEE degrees, 3 BSE degrees, 21 BSME degrees, and 42 graduate degrees in engineering. Some curious statistics about this year's graduates are as follows. Average ages for certificate earner 36.9 for AS holder 28.9, for BS holder 30.0, and for graduate degree holder 31.3. Only 183 (27.7%) of our degree earners are women and 180 (27.2%) are from the minority groups, out of our 660 total graduates. The non-resident graduates make up 74.2% of the graduating class.

Graduate Programs Open House

IUPUI hosted first open house for Graduate Programs on Sunday, April 22, 2001 in the Lecture Hall of the campus. There was excellent attendance that produced increased interest for many of the IUPUI graduate programs. Congratulations go to Nasser Paydar who lead the effort for all IUPUI organizing the event and to his staff members in Academic Programs area for providing the crucial strategic plan.

Clinical Laboratory Equipment Technology Certificate Program

About 23 Roche employees became the first graduates of the Clinical Laboratory Equipment Technology certificate program on May 1, 2001 when our school hosted a dinner for them. Barbara Christe started the program in 1999 and we now have more than 80 students in the program from Roche. We expect that one or two more companies in the biomedical equipment area would be interested in the certificate program in the future.

Gossamer Spirit Program

Human-powered flight may soon become a reality for handicapped children and adults through the new exciting project launched last month. Dr. Chuck Dietzen of Timmy Foundation, also a member of DIAC, and Dr. Paul MacCready of Aero Vironment lead joined their visionary forces to lead the project. Dr. Dietzen has focused his efforts on "rehabilitative medicine and its use in bringing a better life for children around the world." Dr. MacCready is internationally recognized as the "father of human-powered flight."

In addition to the Timmy Foundation and Aero Vironment, our School, Electricore, the Estridge Companies, and the Schneider Corporation will participate in the project. More information can be found at the web site www.engr.iupui.edu/gossamerspirit.

Visit by Ryerson Polytechnic University Administrators

Derek Northwood, Dean of Engineering, and William White, Director of Engineering Education Excellence Centre, from Ryerson Polytechnic University, Toronto visited our school on April 25, 2001 to discuss joint teaching and research projects. It appears that in the areas of senior design and web-base courses, there are potential collaboration opportunities.

Spirit of Philanthropy Luncheon

Our School recognized Electrical Manufacturing and Coil Winding Association at the IUPUI Spirit of Philanthropy luncheon held on April 26, 2001 at Indiana Convention Center. The Association has established annual scholarships for our students as well as getting our faculty involved in equipment and project grants.

Alumni Gathering at Centennial

Alumni association organized a dinner and tour at the Centennial Homes project by the Estridge Companies. The owner, Paul Estridge, made a presentation on his vision of new homes with high technology access, bandwidth, and connectivity. Our Computer Network Center staff members are involved in the technical developments that the First Mile technologies, subsidiary of Estridge has been implementing in the design and building of new homes.

Faculty Honors and Recognitions

Congratulations go to Stanley Chien and Ali Jafari who were promoted to the rank of full professor effective 2001-02 academic year.

Mike Bowman will retire at the end of this semester after thirty-something years of distinguished service to our school and to the Department of Mechanical Engineering Technology. We wish him the best.

We want to thank Sanjiv Gokhale for his faculty leadership during the 2000-01 academic year as the President of the School Faculty Senate.

2001-2002 Summary of E&T Committees

Committee Members, Representatives and Officers for
2001-2002 School Year

Faculty Senate Representatives:

EET	Ken Reid	Term Expires Spring 2003
	Barbara Christe	Term Expires Spring 2002
MET	Maurice Bluestein	Term Expires Spring 2003
	Keith Kovach	Term Expires Spring 2002
OLS	Andy Schaffer	Term Expires Spring 2002
CPT	Ali Jafari	Term Expires Spring 2003
	Joy Starks	Term Expires Spring 2003
	Dave Williamson	Term Expires Spring 2002
CNT		Term Expires Spring 2003
		Term Expires Spring 2002
ECE	Charlie Yokomoto	Term Expires Spring 2003
	M. El-Sharkawy	Term Expires Spring 2002
	Akhouri Sinha	Term Expires Spring 2002
ME	Ramana Pidaparti	Term Expires Spring 2003
	Jie Chen	Term Expires Spring 2002
	Razi Nalim	Term Expires Spring 2002

Faculty Affairs Committee:

Chair	EET	Marv Needler	Term Expires Spring 2003
	OLS	Stephen Hundley	Term Expires Spring 2003
	CNT		Term Expires Spring 2003
	CPT	Dave Williamson	Term Expires Spring 2002
	ECE	Stanley Chien	Term Expires Spring 2002
	ME	Ramana Pidaparti	Term Expires Spring 2002
	MET	Bob Tharp	Term Expires Spring 2002

Grievance Board:

	MET	Bob Tharp	Term Expires Spring 2003
	CNT		Term Expires Spring 2003
	CPT	Bob Orr	Term Expires Spring 2003
	EET	Rich Pfile	Term Expires Spring 2002
	ECE	Sergey Lyshevski	Term Expires Spring 2002
	ME	Dare Afolabi	Term Expires Spring 2002
	OLS	Stephen Hundley	Term Expires Spring 2002

Nominations Committee:

	CNT		Term Expires Spring 2003
	CPT	Joy Starks	Term Expires Spring 2003
	ECE	John Schild	Term Expires Spring 2003
Chair	EET	Bill Conrad	Term Expires Spring 2002
	MET	Doug Acheson	Term Expires Spring 2002
	ME	Hazim El-Mounayri	Term Expires Spring 2002
	OLS	Rob Wolter	Term Expires Spring 2002

Resources Policy Committee:

	CPT	Ed Sullivan	Term Expires Spring 2003
Chair	ME	Akin Ecer	Term Expires Spring 2003
	ECE	M. El-Sharkawy	Term Expires Spring 2003
	EET	Elaine Cooney	Term Expires Spring 2002
	MET	Jack Zecher	Term Expires Spring 2002
	CNT		Term Expires Spring 2002
	OLS	Cliff Goodwin	Term Expires Spring 2002

Educational Policy Committee:

	EET	Barbara Christe	Term Expires Spring 2003
	MET	Jamie Workman	Term Expires Spring 2003
	CNT		Term Expires Spring 2003
	CPT	Eugenia Fernandez	Term Expires Spring 2002
	ECE	Sergey Lyshevski	Term Expires Spring 2002
Chair	ME	Nancy Lamm	Term Expires Spring 2002
	OLS	Cliff Goodwin	Term Expires Spring 2002

School -Wide Elected Committees

President of Senate:

M. El-Sharkawy Term Expires Spring 2002

Unit Representative to Purdue Intercampus Faculty Council:

Nasser Paydar

Unit Representative to IUPUI Faculty Council:

CPT Dave Williamson Term Expires Spring 2003

EET Marvin Needler Term Expires Spring 2002

Constitution & Bylaws Committee:

MET Bob Tharp Term Expires Spring 2003

ECE Charlie Yokomoto Term Expires Spring 2003

ME Ramana Pidaparti Term Expires Spring 2002

Chair TCM Hariett Wilkins Term Expires Spring 2002

Graduate Education Committee:

Elected by the Faculty:

MET Ken Rennels Term Expires Spring 2003

CPT Joy Starks Term Expires Spring 2003

Elected by the graduate degree granting departments:

ME Hasan Akay Term Expires Spring 2002

ECE M. El-Sharkawy Term Expires Spring 2002

BioMed Engr Term Expires Spring 2003

Unit Promotion & Tenure Board:

CPT Bob Orr Term Expires Spring 2003

EET Rich Pfile Term Expires Spring 2003

ECE Charlie Yokomoto Term Expires Spring 2002

MET Jack Zecher Term Expires Spring 2002

Student Affairs Committee:

CPT Joe DeFazio Term Expires Spring 2002

ME Nancy Lamm Term Expires Spring 2002

Chair ECE Jose Ramos Term Expires Spring 2002

EET Ken Reid Term Expires Spring 2002

Budgetary Affairs Committee:

ECE Yaobin Chen Term Expires Spring 2003

CNT Erdogan Sener Term Expires Spring 2003

Chair EET Rich Pfile Term Expires Spring 2002

ME Hasan Akay Term Expires Spring 2002

