CCGB Minutes
March 12, 1999

Members: D. Gries, L. Lion, F. Gouldin, R. Kay, P Kintner, M. Thompson, F. Wise

Absent: M. Duncan, J. Hopcroft, J. Jenkins, D. Shmoys, M. Walter

Ex-Officio: K. Hover, D. Maloney Hahn, F. Shumway

Others: S. Dennis-Conlon

Approval of Minutes: The minutes of March 5, 1999 were approved as written.

ABET 2000: Jim Thorpe spent 3 days learning about ABET 2000 and obtained information critical to college in preparing for their ABET 2000 review. Undergraduate Programs will query dept. Directors and Chairs to check their availability to attend next Friday’s meeting.

Minors “Case Law”: D. Gries amended the minor case law, which was presented by L. Lion at the last CCGB meeting (attached). The amendment would follow after the first paragraph of the draft minors case law. This amendment would become CCGB legislation. Resolution: It was moved and seconded that the amended minor case law be adopted by the CCGB, vote unanimously approved.

Minors Implementation: F. Shumway, Advising presented a proposed engineering minors implementation timetable (attached). The proposed timetable asks that corrections and updates to the application and information page be made by next Friday’s CCGB meeting. Department contact people, who would be available to provide information to the students, need to be identified. Discussion:

- Current seniors should apply after graduation; they can do this either in person or mail by sending in an unofficial transcript and the application form.
- Double majors cannot do a minor in either field they are majoring in.
- Students that are in college program need to have prior approval before submitting an application.
- The college program committee needs to think about how to administer minors for college program students.
- College program students most generally have a major in engineering with their minor program in a different college.
- It may be valid for college program students to have a notation on their transcript what their major/minor programs are.
- Minor contact persons will compare transcripts and match to minor application forms.
- Contacts for minors programs will not be listed by individual names but rather room numbers and working titles.
• Minor information pages will list fields of those students who are not eligible to complete the minor.
• A modified copy of the checklist would be useful in the engineering handbook.
• Electrical Engineering and Geological Sciences approve all minors.

Resolution: Changes, additions, and contact information are due Friday, March 19, 1999.

Computing Courses: K. Hover, Associate Dean, distributed CCGB legislation regarding computing requirements (attached). The most recent CCGB legislation (May 26, 1994) recommends “(1) that the computing applications requirement be retained unchanged; and (2) that computing courses that satisfy this requirement be reviewed according to the schedule specified by the CCGB legislation.”

F. Gouldin, M&AE, has proposed M&AE 479, Simulation of Mechanical and Aerospace Systems, as a course to fulfill the computing requirements. This course requires CS100, devotes 50% to scientific computing and students must pass computing component to pass the course. A copy of the course description, a statement from J. Booker, and a detailed syllabus was distributed (attached). This course is primarily numerical analysis working with MatLab, MacTran, and ANSYS. Students complete weekly computer assignments with a final design project in computer analysis. M&AE 479 will replace three courses, M&AE 389, M&AE 489, and M&AE 670, as a computing requirement.

Resolution: A motion was made and seconded to approve M&AE 479 as fulfilling the computer requirement, vote unanimously approved.

The issue of reviewing the computing requirements in the college was discussed. Should the computing requirements be redefined given the power of computing applications? There is some debate on the role of computing program packages, which are being used in industry. The Computing Policy subcommittee may want to wait to review computing requirements after it is clear what ABET 2000 requires.

Announcements: D. Maloney Hahn, Advising, cum laude distinctions and deans list eligibility has been discussed recently. Currently in Engineering the Dean’s list eligibility is 3.25 GPA, 44% of engineering students are on the Dean’s list. If the college raises the Dean’s list requirement to 3.5 GPA then 30% of engineering students will be eligible. Cumlaude distinctions are directly related to the Dean’s list.

Discussion:
• Arts and Sciences have just raised the Dean’s list GPA requirement.
• The dean sets the academic GPA requirement for Dean’s list.
• Are our transcripts showing median grades, which was passed by the faculty senate?
• Companies won’t interview students with GPA’s less than 3.0.
• Engineering has the lowest Dean’s list GPA in the university.
• Will a higher GPA requirement for Dean’s list increase the pressure/competition among students?

The student experience survey statistics and comparisons will be completed by the end of the month or the 1st of April. Math 294 or Physics 214 are not options for the first column of the survey.

Meeting adjourned at 9:00 am.