Agenda, February 25, 2000
CCGB Meeting

1. Approval of Minutes
2. Undergraduate Announcements
3. Proposal – Engrg. 198 (R. Kline)
4. Math Proposal (continued)

CCGB Minutes
February 18, 2000

Members:  J. Bartsch, R. Cleary, M. Duncan, J. Jenkins, R. Kay, P. Kintner, L. Lion, C. Van Loan

Absent:  D. Cox, M. Fish, F. Gouldin, J. Herrera, J. Hopcroft, M. Miller, M. Thompson, F. Wise, S. Youra

Ex-Officio:  B. East, T. Healey, D. Maloney Hahn, F. Shumway

Others:  C. Pakkala, R. Springall

Approval of Minutes:  The minutes of February 11th were approved as written.

Undergraduate Announcements:  None

Transfer Students (handouts):  B. East (Admissions) spoke about student transfers. She thanked the faculty for encouraging the increase of transfer students last year and requested that the current level be maintained for the coming year. Because transfer student acceptances are made directly by individual departments, all students are admitted to their field immediately. P. Kintner (EE) asked if most transfer students come from community colleges. Rob Springall (Admissions) said that, although quite a few of the students do come from community colleges, the majority comes from 4 yr. Schools. J. Bartsch (ABEN) wondered if perhaps Chinese universities could be viewed as an untapped source of good students. B. East responded that, due to the number of transfers being rather limited, Cornell has not had to do any overseas recruiting. C. Van Loan (CS) asked if increasing the number of foreign students is a financially-driven trend. B. East replied that, although there is a 98% certainty that foreign students will not obtain financial aid, the international students are often incredibly gifted, so finances are not a consideration. R. Springall requested that the faculty review the 2000 Transfer Admissions Timeline to obtain information on the transfer deadlines. He emphasized the importance of the students having their transfer acceptance in hand in order to make a clean break from their prior institution. C. Van Loan asked if Admissions has information about whether a student has previously applied for admission. R. Springall responded that all prior applications would be included in the student’s folder. B. East said that sometimes if a student is not admitted to Cornell as a freshman, they will encourage that student to attend college elsewhere for a year or two and then apply to Cornell as a transfer student. P. Kintner wondered if the in-flow of students balances the out-flow. B. East replied that it does; enough that the University officials are happy.
**Proposed Math Curriculum Changes:** J. Jenkins (T&AM) contacted A. Ruina, C. Pollock, and A. Zehnder to discover the impact the math curriculum changes would have on their 200-level courses. Although they all feel that the proposed changes are fine, they suggested that all 200-level instructors be made aware of the proposed changes. They suggested that the syllabus be distributed to those faculty and instructors impacted in the various departments and their approval be obtained. P. Kintner (EE) suggested that the changes be incorporated into the catalog copy. L. Lion (CEE) stated that the ENG 241 instructor foresees a problem if students coming in did not take 293 before 294 and was wondering how the courses differ. J. Jenkins replied that the new 293 covers vector integral calculus and differential equations. However, the material on linear systems of ordinary differential equal, formerly in 293 which requires some knowledge of matrices, has been moved to 294, which is now a self-contained course in linear algebra. P. Kintner expressed the concern that those students with very little or no calculus experience could keep up with the pace of the new 191. J. Jenkins emphasized that the number of students who are admitted without calculus is very small (about 12) and that there are supplemental study materials available for them. T. Healey (Assoc. Dean) remarked that in each of the last two years the dozen or so students in 191 without a calculus background had taken pre-calculus in high school and were well prepared. R. Cleary (ORIE) stated that many high schools don’t even offer calculus and that pre-calculus seems to prepare the students well. J. Jenkins added that those high schools that focus intensely on calculus often neglect teaching in other math courses. P. Kintner said that the Learning Skills Center is thinking about dropping the 091 and 092 course support due to the AEW’s. J. Jenkins stated that 191 and 192 will be small sections that will need to have a support structure; 091 and 092 AND AEW’s are useful. D. Maloney-Hahn (Advising) expressed his concern about the potential disappearance of 091. He also wondered if the new math exam would override AP credit. AP credit is important to the students and, if a change is to be made, it needs to be noted in the AP brochure that is distributed to the students and all advisors should be notified. T. Healey stated that the new 192 incorporates multi-variable calculus, which is often not covered in a high school course. Hence we will need to rely more on the placement exam in the future. J. Jenkins said that the main reason for modifying the math test to include a section on multi-variable calculus is to keep most students from entering directly into 293 solely on the basis of AP credit. Using AP credit to avoid taking the lower level courses remains acceptable. P. Kintner suggested that Math be discussed again during the CCGB meeting on 2/25/00.

**ABET Update:** P. Kintner (EE) stated that the ABET Committee is making progress. The faculty need to work with their departments to start creating vision statements and deciding on their objectives. Once each department has done this, the representatives of each department need to get together as a group and compile the information. This needs to be done this semester. T. Healey (Assoc. Dean) added that the ABET Committee needs to first define what it wants to measure and then decide how to measure it.

The meeting adjourned at 8:58 a.m.