1. Attendance:
   Aero – Jen-Ping Chen
   AVN – Chul Lee
   BME – Rita Alevriadou
   CHE – Dave Tomasko
   CEGS –
     Civil - Chuck Moore
     Environment – Not present (Bob Sykes)
   CSE – Bruce Weide - Chair
   ECE – George Valco
   ENG PHY – Not present (Richard Hughes)
   FAB – Alfred Soboyejo
   IWSE –
     ISE – Blaine Lilly
     WLD – Charlie Albright
   MSE – Rob Wagoner
   ME – Not present (Mike Moran)
   Graduate Student – Justin McKendry (Not present Shivraman Giri)
   Undergraduate Student – Linda Wang (Not present Ashley Hand)
   Secretary – Ed McCaul
   Guests – Bob Gustafson, Mark Ruegsegger, Peg Steele

2. The Minutes from the 8 March 2007 meeting were approved as written.

3. Rita Alevriadou informed the committee of the recommendations from the Course Proposal Subcommittee.
   3.1. The subcommittee recommends that the course proposals for ENG 692 and 694 be approved. Engineering 692 will be the first Service Learning course in the college as none of the departments have submitted a course request for such a course. Engineering 692 has been offered as a group studies course for the past two years. During both offerings a group of students went to Honduras and worked on a project there. The question was asked as to whether anytime this course is offered will a request need to come through CCAA. The response was no as such offerings would be controlled by the department chair and in the case of Engineering 692 that person would be Bob Gustafson.
   3.2. Rita Alevriadou made a motion that these course requests be approved. Alfred Soboyejo seconded the motion. A vote was taken: 12 approved, 0 opposed, and 0 abstentions. The motion passed.

4. Rob Wagoner informed the committee that Subcommittee B is recommending that the Biomedical Engineering BS Degree Proposal be approved as it has been amended. Rob made a motion that as all the concerns regarding the BSBME
proposal have been satisfied, Subcommittee B moves that the Proposal for a Bachelor of Science in Biomedical Engineering be approved as amended. Dave Tomasko seconded the motion. The floor was opened for discussion.

4.1. The question was asked as to whether any additional changes have been made to the proposal since the committee last met. The response was that none had been.

4.2. A vote was taken: 12 approved, 0 opposed, and 0 abstentions. The motion passed.

5. Rob Wagoner informed the committee that Subcommittee B has met and discussed Aviation’s MS Degree in Air Transportation Systems Proposal. The subcommittee does not have a recommendation on this proposal at this time, but has sent some questions concerning the proposal to Aviation. Chul Lee commented that Aviation has completed a response to the subcommittee’s questions and that he would be e-mailing a copy of their response to the subcommittee.

6. Charlie Albright informed the committee that comments on the Environmental Engineering BS Degree Proposal have been collected and that the comments would be passed on to Bob Sykes. It is possible that the subcommittee will have a recommendation on the proposal at CCAA’s next meeting.

7. Bob Gustafson informed the committee that Steve Mangum, from Business, and he recently met with Randy Smith of OAA, at Randy’s request, regarding the GEC Template and credits to degree consideration being proposed by Arts and Science to CAA for the BA and BS’s in Arts and Sciences. It appears that CAA has approved a proposal from Arts and Science that modifies their GEC template and allows for programs to have as few as 181 hours to graduation for either a BA or BS. In addition, Arts and Sciences will be reducing credits to degree by taking one course (5 credits) out of the GEC and 5 credits out of the major, generally by reducing free electives by five. It is the desire of the Senate leadership that all other colleges have in place a proposal approved by CAA as to how they expect to respond to these changes. These are to go to the Board of Trustees at their June meeting, thus being accomplished prior to the departure of the Provost. Backing this up means we would need to have a proposal for action by CAA by their April 18 meeting. The Core Curriculum Committee has met and discussed this issue. The Core Committee has recommended that Engineering not address the issue of minimum credits to degree for engineering at this time due to the short time frame, and that Engineering propose a change in the Engineering GEC requirements such that a student would take three courses from, not more than one per category, Literature, Visual/Performing Arts, Culture and Ideas, and Historical Study. This would result in a five credit reduction in the GEC and credits to the degree. In addition, Engineering students would be able to use advanced study in a foreign language as a substitute for GEC courses. The Core Committee is making these recommendations as the college recently submitted a revision to our GEC. An option that the Core Committee did not
recommend is to take the 5 hours from history and leave Arts & Humanities as it currently is. Bob needs to find out from CCAA if the committee wants to propose a reduction in GEC credits, if so, how this would be done and does the committee want to respond regarding credits to degree at this time. Some differences between Engineering’s GEC and Arts & Science’s GEC are that we require a third writing course, we do not have a language or issues of the contemporary world requirement, we have an ethics requirement, and our students are required to take one diversity course. The floor was opened for discussion.

7.1. The suggestion was made that the 5 hours could come out of Social Science rather than History or Arts & Humanities.

7.2. It was pointed out that it would be possible for a student under the Core Committee’s recommendation to graduate without having taken a history course.

7.3. The comment was made that right now students do not have to take a course in literature, visual/performing arts, or cultures and ideas. What makes history more important than any of these three.

7.4. The question was asked as to whether a program could take any reduction in hours and add it to their major requirements. The response was no as any reduction would be across the board and would be a reduction in the number of hours to degree.

7.5. It was pointed out that when we made our GEC proposal research showed that we were on the high end of the number of liberal arts hours taken by other engineering programs. So, any reduction in the number of hours in our required liberal arts hours would put us in the middle. Everyone needs to remember that our GEC includes more than liberal arts courses as it also includes some of the math and science courses that our students take. Whenever we refer to our GEC as only being 40 hours of liberal arts courses we are doing ourselves an injustice.

7.6. The question was asked as to whether any reduction would be mandatory as CSE’s accreditation already requires more liberal arts hours than are currently required by the College of Engineering. The response was that any reduction would not be mandatory.

7.7. The comment was made that we really should not be thinking about reducing our liberal arts hours as our students need the knowledge they gain in those courses.

7.8. Chuck Moore made a motion that CCAA agrees in principle to support a five hour reduction in the minimum hours in our GEC requirement. Rob Wagoner seconded the motion. The comment was made that even if CCAA approves a five hour reduction it does not mean that CAA will approve it. There being no further discussion a vote was taken: 12 approved, 0 opposed, and 0 abstentions. The motion passed.

7.9. The question was raised to why history should be treated differently than other liberal arts disciplines. It was point out that there are three main categories Social Science, Arts & Humanities, and History. Both Social Science and Arts & Humanities have subcategories while History does
not. The comment was made that why should a department, History, be at the same level as two colleges.

7.10. Rob Wagoner made a motion that CCAA accept the Core Committee’s recommendation that a student take three courses from, not more than one per category, Literature, Visual/Performing Arts, Culture and Ideas, and Historical Study. Chuck Moore seconded the motion. There being no further discussion a vote was taken: 1 approved, 11 opposed, and 0 abstentions. The motion failed.

7.11. The committee agreed by acclam that Bob should prepare a document for CAA that will request the following changes to the College of Engineering’s minimum GEC requirements:

7.11.1. Students can use advanced study in a foreign language as a substitute for other GEC courses.

7.11.2. Students would be required to take as a minimum 25 hours, five courses, between Social Science, Arts & Humanities, and Historical Study. At least one course will be taken in each category.

7.12. The committee also agreed by acclam that Bob should be given the authority to negotiate with CAA based on the underlining principle that no major liberal arts category should be zeroed out and that CAA be informed that due to the short response time Engineering is not prepared to make a recommendation concerning reducing the credit hours required in the majors.

8. Being out of time the meeting was adjourned at 11:33 AM.

C: College Faculty

CCAA File