

**Engineering Technology Advisory
Committee Minutes
April 4, 2017**

PRESENT: Chad Cowley, Jayme Engen, Tyler Paul, Kevin Martin, Cleary Johs, Tim Langerud, Tyler Wollmuth, Jasper Klein, Scott Olson

ABSENT: None

INSTRUCTORS PRESENT: David Sagsveen, Mark Steele

Meeting began around noon

Discussion started an overview of CT 228: Boundary and Cadastral Surveying adjunct hiring process. Aaron Hummert, Surveyor at Interstate Engineering, approached Dave and expressed strong and enthusiastic interest in teaching this course for BSC. BSC has initiated the process of hiring Aaron as the adjunct instructor for this course, which begins in Fall, 2017.

Discussion continued with a review of the Program Objectives. The Program Objectives were last reviewed and approved in the spring of 2016. No changes to the Program Objectives were presented. Tim made a motion to keep as is; Kevin seconded; vote was unanimous.

Chad mentioned that his employer, Terracon, would be interested in more plan reading as part of the curriculum (which would fall under the Outcome 5 of the Program Outcomes). Dave indicated that following some earlier discussions with Chad regarding this, that he reviewed the materials in the CT 252: Construction Project Management course and was looking into incorporating more of that topic into this course. Currently the course includes a Capstone project that may or may not be eliminated and/or reduced, since it is no longer required as part of the ABET accreditation process for this 2 year degree. Dave indicated that recently, the results of the Capstone project have been disappointing compared to some of the earlier year results, partly due to the limited time to develop a design element from our 2 year curriculum. *(More internal discussion regarding the continued use of the Capstone and/or revision of the Capstone will take place prior to next school year, but inclusion of plan blueprint reading is now planned for next year.)*

Dave reviewed current ABET status. Follow up report is in process and yearly assessment processes are taking place. Report is due this summer and results of the report or anticipated early next fall. Scott asks about the accreditation process and the burden it places on the faculty. Dave indicated that the burden is much less than in years past due to the reduced assessment processes of our new plan. Dave also indicated that administration continues to encourage accreditation for our 2 year program at this time; if and/or when the BAS in Geomatics degree begins, our accreditation approach to the 2 year program may change due to the accreditation requirements of the BAS degree.

Discussion continued regarding the agenda item for recommendation for continuation of the program. Committee made unanimous recommendation for continuation of the program.

Discussion continued regarding advisory committee appointments and reappointments. Kevin, Scott, Jayme and Chad have terms that expire on 6/30/17. Kevin, Jayme and Chad have indicated they would be willing to serve another 3 year term. Scott has indicated that he plans to retire this summer and would like to not be reappointed. Dave indicated that this spot vacated by Scott could be filled with another Apex Engineering representative or a KLJ Engineering representative, or we could do 2 appointments. Dave suggested that committee members forward names of prospective committee members to him. *(Congratulations on your retirement Scott, and BEST WISHES!)*

Discussion continued with the idea of a 5 year plan to give direction and goals for the committee and the faculty moving forward. Dave indicated that it would be good to have such a list so we could shoot for benchmarks for items we would like to achieve. No concrete plans were finalized, but ideas floated around regarding surveying equipment replacement, other equipment, grant seeking, etc. Chad indicated that Terracon offers grants to universities, and that this might be an avenue for us to pursue this year. *(The 5 year plan idea will be presented again in the fall and committee members are encouraged to forward ideas to Dave prior to then for discussion at the fall meeting. Also, since the meeting, Chad has forwarded Terracon grant information to Dave; this might be an avenue for Dave and Chad to work on prior to the next grant submittal in September).*

After short discussion regarding the Surveyor's Day at Kirkwood Mall, meeting concluded around 1 p.m.

Submitted by,
David Sagsveen

Thank you for your continued support of the Engineering Technology Program. If there appears to be any errors or missing items in the minutes, please contact David Sagsveen at 224-5443 or David.Sagsveen@bismarckstate.edu.