

**Engineering Technology Advisory
Committee Minutes
November 8, 2016**

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

ABSENT: Scott Olson

INSTRUCTORS PRESENT: David Sagsveen, Mark Steele

Meeting began around noon

Discussion started with a reintroduction of Tyler Wollmuth, engineer with the NDDOT Bismarck Division and an introduction of Jasper Klein, operations manager at AE2S. Tyler and Jasper will be serving on the committee moving forward and have replaced Chris and Brett, respectively.

Discussion continued with a review of the ABET site visit. Dave reviewed again the Concern, the Weakness and the Deficiency in the site visit report. During the summer meetings, the ABET committee voted to extend our accreditation for a 2 year cycle because they continue to see our assessment as a Weakness and they review of objectives by the advisory committee as a Concern. So this year will be spent once again following the assessment processes that have been done for many years (however significantly reduced last year) with special emphasis on “closing the loop” and implementing change/improvements based on assessment data. Additionally, the advisory committee will be tasked with reviewing the objectives again at their spring advisory committee meeting. Finally, Dave will be in charge of a report again this year to ABET, due by June 30, with an update, and hopefully with a positive result from ABET’s summer meetings.

Discussion continued with a review of the BAS in Geomatics degree at BSC. Dave indicated that due to the ongoing budget issues at BSC (and with the state in general), the BAS degree has been delayed until a funding source is secured for a faculty member. A National Science Foundation grant has been submitted with Dave as the Principal Investigator with the purpose of the grant to be curriculum development. If secured, the hope would be to hire a faculty member for 2017-2018 with the earliest start of the program in summer of 2018. When it begins, Dave will serve as program and ABET coordinator for that program as well. A question was asked about equipment and securing assistance/donations from our local surveying equipment supplier (Frontier) when our equipment becomes unusable. Dave had indicated that a discussion was held last year with Nathan from Frontier regarding the future of the lab, but no action has progressed to this point. Dave did indicate that he had suggested to his supervisors that a discussion take place at a higher admin level with Frontier regarding partnership possibilities.

Discussion continued regarding the Boundary and Cadastral Surveying course that will begin in the fall of 2017. There will be an adjunct teaching opportunity for this course if any committee members

are interested or know of someone interested in teaching that course. Dave also indicated that he had been contacted by a person interested in perhaps teaching for the BAS degree or this course online. This individual has taught this topic online before for other colleges, so there is great potential here going that route.

Discussion continued around current enrollment and also marketing efforts. Tyler indicated that the Young Professionals Network might be a resource for assisting and talking to young folks about surveying opportunities.

Meeting concluded around 1 p.m. and several members took a brief tour of NECE and Armory facilities following the meeting.

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.