

**CENTRAL TEXAS COLLEGE
C.A. DRAFTING & DESIGN DEPARTMENT
ADVISORY COMMITTEE MEETING
October 17, 2008**

Members Present

John Alexander
Brian Czajkowski
Phil Marley
Teresa Williams

Members Absent

Sherry Witcher-Irvine, Cindy Bighorse, Roger Chesser, Colen Wilson

Invited Guest

Dean Mikles, Dean, Central Texas
Tony Cleaver, D. Min. Central Texas College, Guidance and Counseling
Director, Skills Center Counseling/Tech Prep

Invited Guest Absent

Dana Watson, Dean Instructional and Accreditation Support Services

Mr. Maglietta opened the meeting by thanking the members for taking the time and effort to attend the meeting.

Mr. Maglietta then gave out a list of proposals to make some changes in the program.. He would like the committee's opinion on these changes. What do you think about separating Engineering courses out of the Drafting program and putting them in the Mathematic's Program. Most colleges do not have engineering courses in their drafting programs. The courses I have here are DFTG 1405 Technical Drafting which is basically the same course as ENGR 1304 Engineering Graphics I. This is the same with DFTG 2417 Descriptive Geometry which is basically the same as ENGR 1305, but with difference inferences. What I would like to do is take the two engineering courses out of the program and replace them with these two drafting courses, so it is all drafting and not a mixture. Also, I have proposed to change the name of the Drafting Program from Computer-Aided Drafting & Design to Computer-Aided Drafting Technology. I have looked at other colleges names of this program. Another college had one that I really didn't like was Computer-Aided Design, which to me sounds like it could be a clothing design etc. So please think about this possible new name also.

Proposal number four, instead of using AutoCAD advanced for the DFTG 2440 Solid Modeling, I propose that we use a three dimensional – two dimensional software package such as Inventor. Dean Mikles asked if this was a different class and I mentioned that this is a solid modeling course. Mr. Maglietta mentioned that Olga, (a former student), said that they use Pro-E at her place of employment in Houston. Brian mentioned that they still use AutoCAD but also Solid Works in their department. John Alexander mentioned that Solid Works has also been a very popular program, and Mr. Maglietta agreed. Mr. Maglietta mentioned that he doesn't hear much about Pro-E, but has of Solid Works, and is just waiting to see which one is used out in the job forces most. Mr. Maglietta mentioned that many companies still use AutoCAD as their base

program then other programs that are related to AutoCAD. We are using AutoCAD 2009 now and we had the software installed before the Fall Semester, but had to wait for the textbooks a few days after the semester started. We are now getting new computers in room 7 the advanced CAD courses to match the computers in room 9.

This department is always picked to give tours to groups of people that visit the campus because of the advanced equipment we have and to show presentations of the college and our program. We had a Russian Group and an Italian Group visit. I have always welcome these groups even though I may be in the middle of teaching a class, so these groups may see what we are doing in action. Teresa mentioned that maybe on a small scale when Mr. Maglietta has time to go out to these middle schools and high school to show the presentations of the Drafting Program and what we do.

Proposal number five, replace DFTG 2421 Topographical Drafting with a course using G.I.S. Geographical information system, or add a course of G.I.S. to compliment the DFTG 2421. How should we handle this? We do need to get connected with this area and some how get it as a class or added to the topographical course. Mr. Marley said that we should keep DFTG 2421 Topographical Drafting, but add a course of G.I.S. to compliment DFTG 2421. We could have Roger or Colen teach this class, and unfortunately they are not here today to discuss this with us. I will try to arrange meeting with them on this topic and we will send you all the results. I will be looking at what kind of packages of programs we have available to add G.I.S. to the Topographical course. The enrollment for this Fall semester as been very good for all the courses. We have Engineering students sitting with drafting students and if we can separate these two classes it may bring more students. We have a separate degree plan for the Engineering Program. The Math department teaches most of the math that is needed for this degree. Please write out some suggestions that you all may have on these proposals or e-mail me. Mr. Maglietta thanked Dean Mikles for coming and always helps us out.