Drafting Technology Advisory Committee

Minutes for June 6, 2008
4:30 – 6:45

Attendees:

CR: Steve Brown, Professor – Drafting, Dept Chair – Applied Technology
Bob Bronkall, Professor – Drafting Tech/County of Humboldt Engr.
Bert Hafar – Part time faculty – Drafting and Construction
Michael Regan – Director, Tech Prep and Career center

Industry: Bette Berg – LACO Associates
DJ Cleek – Cleek Co
Timothy Windbigler
Caroline Perez – Kramer Properties
Terry Beaudet – Wallace and Hinz
Tom Teller – Wallace and Hinz
Ann Jones - Hilfiker

1) Welcome and Introduction

2-3) Review and evaluate current curriculum/program requirements. Steve reviewed each degree program's current student learning outcomes and course requirements. Members were asked to comment and evaluate each program in turn. Some comments, of course, transcended all 3 degree programs. Members confirmed that the current students learning outcomes were appropriate and offered the following suggestions/comments:

a) Still need rapid sketching by hand, but formal board work is not necessary

b) Good mechanical hand lettering is still a necessary skill – legible, but slightly stylized is OK

c) Include interviewing skills/resume preparation and office etiquette. Regan added that the service is free in the Career Center

d) Students should come to work with a calculator and tape measure and know how to use them

e) Verbal communication skills are critical

f) Civil Drafting students should know how to create and work with a GIS

g) Students should be able to use data from a variety of sources such as dig photos, aerial photos, Google Earth, and other CAD formats.

h) Students should be able to perform basic load calcs, compression and stress analysis

i) Students should be able to do take-offs with good accuracy

j) Use Layout mode in AutoCAD

k) Include hands-on experience for Arch students with the CT house project

l) Students should have an exposure to other drafting disciplines in addition to a focus on one particular area. A survey course or one course in each area would make for a blended program and help assure employability.

4) Outreach tools – Steve handed out examples of the new brochures and program cards. Members discussed ways to disseminate the information such as career fairs, county fair, high school visits and counselors, and the one stop "Job Market". Advertising for the program ha been accomplished using radio and TV ads that were created and aired with the same Tech Prep grant. We are hopeful that the new efforts will create a renewed buzz about the program.

5) NAIT – Steve explained the NAIT accreditation processes including the self study and assessment. The DT Program received full accreditation without a report at the November 2007 NAIT Board of Accreditation hearings in Florida. This is the highest level possible. Steve expressed gratitude to those members that helped during the onsite evaluation last spring. This meeting is part of the compliance process for NAIT and is most important to validate program requirements and to serve as one of the program assessment tools.

6) Demonstrate Zcorp machine. Steve presented a short demo of the Zcorp 510 machine that was purchased using Measure Q bond money. Industry members were invited to explore ways to use the machine in their design process. Students would be given the opportunity to assist them with the effort, thereby providing the students with a service learning aspect to their studies.

7) Adjourn at 6:45

Submitted by Steve Brown on June 10, 2008