

## Drafting Technology Advisory Committee

Minutes for May 11, 2011

4:00 – 6:00pm

### Attendees:

CR: Steve Brown, Professor – Drafting Dept Coordinator  
Bob Bronkall, Professor – Drafting Tech/County of Humboldt Engr.  
Paul Kinsey, Professor – Drafting and Woodworking  
Jerry Murray, Professor – Drafting  
Mike Peterson, Interim Dean, CTE  
Prudence Ratliff, CTE Grants Coordinator

Industry: Bill Bitner, Humboldt Community Services District  
Ann Jones, Hilfiker Retaining Walls  
Phil Standish, Standish Consulting  
Michael Kroemer, Wing Inflatables  
John Ash, John Ash Group Architects

Not present: Daniel Braden, Lapotre & Cleek Architecture and Drafting  
Lori Breyer, Principal, Workforce Preparation, HROP

### 1) Welcome and Introduction

### 2) DT Program Update

- Steve is back in the classroom this year after a one year appointment as Dean for CTE. Jerry Murray did a great job covering Steve's teaching load during his absence. This year, Mike Peterson is doing the dean job and we are in the process of hiring a permanent dean.
- Curriculum changes this past year involved consolidation of D31 and DT32 (civil classes) into a single course, DT30. Also, DT62 and DT63 (mechanical) were consolidated to DT60. These changes were prompted by the college's inability to teach low enrolled sections of classes. Through normal program attrition, the capstone courses have always had lower enrollment but the recent fiscal pressures on the college are making this difficult. Effectively, 6 credits of classes have been reduced to four for each of the major concentration (civil and Mechanical), with no loss in breadth of content, but possibly at the expense of depth. Architecture does not have the enrollment concern because it is also a requirement for the carpentry students who fill out the courses. In fact, according to Paul, DT71 had no attrition this past semester.
- The program continues to receive a small discretionary budget for supplies (paper and ink cartridges primarily) and has once again received funding from CTEA for professional development of faculty and computing infrastructure updating. The program is very dependent on CTEA funding to remain relevant.

- We will begin our self-study for ATMAE reaccreditation in the fall.
- A new brochure and video will be produced in the fall with assistance from one of Pru's grants.

### 3) Discussion of DT Program Outcomes

The group had a lengthy discussion to validate the program outcomes for the drafting programs. Highlights are listed:

- Be sure to include plenty of technical sketching, possibly an art sketching course. (note: Art 17 is a required course for the architecture area)
- In the outcome for communication tools, include file management
- Consider including an internship experience
- In IT46, might include Skype, project management, Outlook
- Need more collaboration between civil and architecture students – share files
- Include version control such as Vault
- Possibly collaborate with Art on an industrial design course
- Include surveying (note: this is required for civil already)
- Include soils report in civil classes

### 4) Industry Updates

- Energy efficiency and green technology need considerable focus
- New construction is still weak but remodeling is strong. Include information on building pathology.
- Include water/wastewater as optional electives