College of the Redwoods
Drafting Technology Advisory Committee
Minutes

Friday May 13, 2016
5:00-6:30 PM
Eureka Main Campus Room AT105 (CAD lab classroom)

Attendees: Cat Ory – Ory Drafting and Design (chair of Advisory Committee)
Sean Stewart, LACO and CR
Will Madaras – Wallace & Hinz
Bob Bronkall – Humboldt County Public Works
Ann Jones – Hilfiker

Steve Brown - CR
Paul Kinsey - CR
Mike Peterson – CR
John Colianno – CR DN

1. Welcome and introductions – Cat Ory, Chair, welcomed committee members and asked for introductions. Minutes of the last meeting were presented.

2. Program update: ATMAE, Curriculum, Equipment – Steve Brown updated the committee DT program activities since the last meeting.

    a. New degree and certificate was finally approved by the Chancellor's Office and will appear in the new catalog. Continuing students will have the option to get the new degree or the one that was in force when they started. If they opt for the older degree, some course substitutions will be necessary to account for courses that are no longer offered.
    b. For the first time, CR has offered a DT course at the DN campus. John Colianno taught the course this semester and is scheduled to teach another section in the fall. If we can build up enough enrollment at that site, it may be possible to offer more than the basic course in the future. If that appears realistic, the DT program review will need to reflect resource needs for those courses at DN. Primarily hardware (computers and printers)
    c. Sean Stewart taught a DT23 section at Eureka campus this past spring and is scheduled for the fall as well.
    d. A comprehensive DT Program Review was completed for this year and there were no concerns from the program review committee. Some resource requests for network switches and chairs have been prioritized.
    e. The program through the CTEA grant, was able to meet some of its infrastructure needs and professional development for faculty. Dual Enrollment monitors are now in both labs, the server hard disk has been updated, and a new color printer

installed. Professor Brown is scheduled to attend a one week course in SketchUp CAD software this summer. The committee noted that provisions for professional development should be made for the new part time faculty in the next CTEA grant.

   f. The ATMAE accreditation progress report is due this coming fall and will be able to reflect additional data collection efforts for program assessment.

3. Review of Program/Course Outcomes/Goals – Members reviewed the program level outcomes of the new degree/certificate. Two concerns were expressed. First, members wanted to know how Civil applications were being taught in the program. After identifying the current way it is done, members suggested using survey data from the house construction project to create plats using Civil 3D software. Professor Brown plans to implement that strategy in the spring 2017 semester. The other concern was with the working of Outcome #2. Members requested that the word "industrial" be replaced with the word "industry". Professor Brown will make that change through the channels.

4. Employer/Graduate Surveys – Members reviewed the most recent graduate survey responses. A discussion ensued on ways to track graduate progress through the early years of their careers (one of the ATMAE standards). It was suggested that a question be added to the survey that asks what year the student graduated – that information may be able to be linked to the survey through college records. It was also suggested that the department set up a Linked-In social media presence to help track and communicate with graduates. The college has some funds next year that could be used to coordinate such an effort.

   The committee was also presented with data showing how CR is doing on the statewide Skill Builder metric. CR is doing very well when looking at students who come to CR for some professional development but who do not receive a degree or certificate. AVG earnings change for those students in +23.2%.

5. Skill Gaps – Following a discussion regarding employment skill gaps in the drafting trades, the committee identified the following: Civil 3D software, technical writing, reading and writing specifications, procurement processes, and efficiency. Faculty will begin working on addressing those items through future curricular changes.

6. Industry and employment trends – There is currently good demand for skilled drafters as evidenced by the relatively large numbers of recent openings that are being filled by CR graduates.

7. Announcements – none – adjourned at 6:30pm