

ENGINEERING TECHNOLOGY ADVISORY COMMITTEE
MEETING MINUTES FROM APRIL 29, 2003

COMMITTEE MEMBERS PRESENT:

STEPHEN WILLIS
PHIL GOOD
CRAIG NORRIS
JIM PHILIPP
LEE NEEL
FRED MOSES
GLENN WINTRICH

COLLIN COUNTY COMMUNITY COLLEGE MEMBERS PRESENT:

MIKE HARSH
BOB WRIGHT
JANET JAWORSKI
BOB MEEKS
BELINDA NEWMAN
JOHN WILKINS
HELEN SULLIVAN
SERENA BUTLER
LARRY MAUGHAN
ANN BEHELER
WAYNE JONES

Dean Ann Beheler opened the meeting and asked everyone to introduce themselves. The dean then turned the meeting over to Glenn Wintrich, the chair of the committee. He asked everyone to look over the minutes of the last meeting and approve them. Janet Jaworski noted that a correction needed to be made on the second to last page of the document. "Dr. Rene" was subsequently corrected to read "Dr. Rene Aerdtts". Glenn proposed the meeting minutes go on file.

Glenn Wintrich brought up the apparent increase in industry hiring and suggested the market may be picking up. Others agreed.

Subject of VOIP (Video Over IP) taking the lead over Voice Over IP. This is spurring new interest in the market. Wayne Jones asked about applications. Glenn mentioned live streaming video and training. With the SARS virus and lack of cash, people are not traveling to training sessions much. This would offer real time training or on demand training on video. Bob Wright noted that video IP has been used for a while here at CCCCD.

The next topic was establishing sub-committees. Glenn asked for volunteers for coaching or mentoring students to give them real-world experience; things the textbooks

don't cover. Mentors needed, more people willing to take a look at white papers, etc. and provide feedback. Glenn spoke of the Samaritan Inn project, what are the marketing and PR values? Glenn asked for it to be noted he would sign up for the subcommittee going to the Samaritan Inn. Many big corporations are helping out, Cisco gave a \$35,000 grant for equipment. Nortel is giving new equipment – not used. Students are getting experience with the help of major corporations. The subcommittees would consist of some technical people and some administrative. For instance, who has experience in PR or public speaking experience, or marketing experience? It wouldn't be full time and they would be considered community service projects.

Craig Norris stated he would like to see a breakdown of the subcommittees to discuss and see where people can fit in. May need to ask colleges and companies to put ads in their newspapers.

Ann Beheler mentioned CCCCD could help provide one-on-one help during the summer. Glenn added that for PR, Channel 5, the Six O'Clock News, local newspapers and possibly the Dallas Morning News could help. Bob Wright said he was having Darlene Duell from SW Bell speak to his class on Thursday (May 1) at the Spring Creek Campus/Room K208. She's their main representative to legislature and would be a good door to get SW Bell involved.

Another avenue discussed was former college students who are currently in industry jobs. It was suggested they come and speak to the current students about what they do, what courses they took in school, and how they got their jobs.

Signup sheets were passed around. Craig Norris and Steve Willis signed up for the speaking/mentoring/coaching assignment. Craig will be the chair for PR and Marketing. Glenn Wintrich and Fred Moses signed up for Service Learning Opportunities (ex. Samaritan Inn). Glenn will chair this subcommittee. To date, no one has signed for the Analyzing Student Projects subcommittee.

The group discussed hard sell vs. easy sell. Would prefer easy sell so no one would be calling cold and there wouldn't be several people calling the same company.

It was mentioned that the IEEE Conference would be here in September and would be an opportunity for exposure. IEEE brings in a big crowd, lots of engineers from all over the country. TXU Encore is a major sponsor. Tom Mobley mentioned the IEEE student branch here on campus that sponsors weekly study sessions.

Wayne Jones mentioned that Regina Hughes is interested in getting involved with more opportunities such as the Samaritan Inn and would like to get more students involved. She will be attending the next advisory meeting to lend her expertise. Wayne added that Regina sees service learning as an opportunity. There's greater satisfaction when you use service learning in addition to classroom learning.

It was mentioned that the Samaritan Inn might be able to use the CADD group.

The group moved on to industry trends. Career management, placing people, found a definite uptick of people being brought into sales force. This indicates companies are starting to build again. Someone mentioned InterLink and suggested people look on that website to see industry trends. Candy Slocum keeps track of jobs on the website and sends out updates.

Ann Beheler brought up the Learning Community for fall. There will be two classes; College Algebra (taught by Bob Meeks), and Introduction to Engineering (taught by Tom Mobley). Students will sign up for both, both halves will blend into a single community. The nice thing is both instructors are qualified to teach both areas. Infinity kits will be used. Hopefully this will make Engineering seem relevant. A demo should be shown to the advisory committee. They can use the kits as a way of problem solving.

Ann Beheler brought up Security. CCCC is the only regional service security wireless academy in the region. The college trains Cisco instructors in the region. Should there be a big emphasis on security? The Dallas Morning News featured an article on security and its importance. Companies like GM and Chrysler use wireless handhelds. They have DOS vs. Windows and have to be rebuilt because security won't work on them. Students get experience with directional antennas. The department gave a briefing with President Cary Israel who will be briefing Senator Kay Bailey Hutchison. Telecomm corridor labeled security corridor. The college is up for this as is Silicon Valley. Barbara Taylor is working on security curriculum for state. It will be a total of eight courses, probably a Masters certificate on top of a network administration degree. The committee will get involved once the curriculum is firmed up.

Glenn mentioned a modular approach. People who want to upgrade their skills could take this as a modular course funded by their company. Bob Wright mentioned John McGraw at EDS as a good resource and will contact him.

It was mentioned that the concern for security over wireless has been going on for over 60 years.

The next topic was the TIES Conference which will host speakers from all over the country. The conference will be held June 16 and 17, two full days. Some of the speakers will be Rene Aerdt from EDS, on Monday Dan Hull, president and CEO of CORD will speak. Topics will include the Infinity Project and Preparing children to work in the 21st century. There will be afternoon breakout sessions. WFAA weatherman Steve McCauley will be there, Candy Slocum will talk about jobs for the future,

On Tuesday Mark Milliron of the League for Innovation in the Community College will speak as well as Frank Demana from Ohio State University. He has developed a hand graphic calculator and envisions it for children in the 21st century.

The Conference costs \$50 to attend. Evenings are free. The Conference will be held at Plano Centre. Registration is available through the GlobalEdge website. Six hundred people are expected to attend, mostly high school and college instructors, students, and parents. It is co-sponsored by NSF, GlobalEdge, Texas Instruments, Plano ISD and the Dallas Morning News.

E2E Update: There will be Educator to Educator training both at CCCCD and Richland College – six classes at both campuses. Two hundred and forty people from Texas will update their training. It begins August 10 and runs through the 15th. The cost is \$350 for training, and two meals per day, plus the hotel based on dual-occupancy.

Wayne Jones brought up an articulation agreement with SMU that begins next month. There will be dual admission with CCCCD and SMU with guaranteed admission to SMU for juniors of the engineering program if they complete the CCCCD requirements. In the meantime students will have an SMU ID card and can participate in all SMU activities. Other colleges that CCCCD has an articulation agreement with are UNT and UTA. This is the first time SMU has considered an articulation agreement with any school..

The budget was brought up and committee members were urged to contact their state representatives to support the college as it can't absorb the cost.

Ann Beheler talked about Centra – a tool that allows synchronous online learning or videoconference on the web. She suggested for the next committee meeting everyone stay in their offices rather than come here and the Centra system be tried out. See how it works.

Bob Wright mentioned the Convergence Lab and told the committee there is a newly formed CADD case study there. The first commercial user of the lab was SYMON Corporation that used the lab this week to train.

Ann Beheler told the committee of the Electronic Design Competition that was held the previous weekend. Chairperson Glenn Wintrich was awarded the Golden Apple award for his business involvement.

Larry Maughan from co-op mentioned he'd talked with several advisory board members about co-op opportunities for the summer. So far he'd received four job requests from telecommunication companies.

Glenn responded that Nortel is doing summer interns this year. Larry commented that Nortel won't work with community colleges, only state colleges.

Helen Sullivan went over NSF hightechnologycenter.org website.

Meeting was adjourned at 9:30am. Ann Beheler told committee they will be contacted this summer regarding next meeting using Centra.

GLENN WINTRICH
Chairperson

Date