

**Central Texas College  
Electronics Department  
Advisory Committee Meeting Minutes  
November 16, 2010**

Members Present:

Victor Grate-Technical Solutions  
Frank Sepulveda-BAE Systems  
Kevin Livingston-Fort Hood

Members Absent:

James Atchley-IT Department, CTC  
Craig Parker-ProActive Communications, Inc.  
Jim Harris-Fort Hood  
Steve Sulzer-KNCT

Guests Present:

Faculty Present:

Mark Winans, Department Chair  
Norman Ahlhelm, Professor

Mr. Winans opened the meeting at 12:00 thanking those in attendance for their continuing participation and reiterated the purpose of these meetings is to ensure that our classes are meeting the needs of local employers with the intent of ensuring that we are teaching the skills they are looking for when they hire. Each participant was given a copy of the current catalog and reviewed the program and course offerings.

The committee discussed expanding certificate and or degree program offerings with greater specialization to allow students to choose a technology/career path. The technologies discussed included Voice over IP (VoIP), Wireless Networking, and the additional topic of professional technical support. The appreciated the possibility of students completing a specialized program (certificate of completion) quickly and being prepared to enter the workforce. The discussion concluded with the consensus that there is a need to create certificates of completion for wireless and VoIP similar to Networking and Network Security. The technical support professional warranted further investigation.

Mr. Winans asked about industry trends and emerging technologies to which two topics were addressed—virtualization and global information systems. The topic of virtualization was not a new topic to the committee. The discussion that ensued indicated an industry trend toward adopting the technology with vendor certifications becoming prevalent. Mr. Winans indicated that the WECM catalog doesn't include a course in virtualization but would look into options for future course offerings as a program elective. The committee agreed that the topic of GIS needed to be explored with the possibility of starting a new program as it seemed too unique to add as a

computer electronics specialization. The committee agreed to revisit the topic in subsequent meetings.

Mr. Sepulveda reintroduced the subject of internships stressing the potential importance of them based on his own professional experiences as an intern. Mr. Winans indicated that he is working to establish new contacts in the community that may be open to working with student interns. He asked the committee members if they would assist by providing contact information. The subject of interns will be continued in subsequent advisory committee meetings.

Mr. Winans thanked everyone for coming extending an invitation for further participation, and concluded the meeting at 12:50.