

**CENTRAL TEXAS COLLEGE  
INDUSTRIAL TECHNOLOGY DEPARTMENT  
BUILDING TRADES/MAINTENANCE TECHNOLOGY  
ADVISORY COMMITTEE  
March 22, 2007**

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**Ex-Officio Members**

Billy Hazzard, Department Chair  
Don Mikles, Dean, Central Campus  
Frank Morgan, Bldg. Trades Inst.  
Dianne Dudley, Dept. Asst.

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INDUSTRIAL TECHNOLOGY DEPARTMENT  
BUILDING TRADES/MAINTENANCE TECHNOLOGY  
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**March 22, 2007**

**MEMBERS PRESENT:**

Craig Good, Plans Reviews, City of Killeen, Killeen, TX 76540  
Kay Cosper, Creative Carpet & Interiors, Killeen, TX  
Joe Alsop, Alsop Plumbing, Killeen, TX  
Reindl, Jeff, Maintenance Supervisor, Killeen Housing Authority, Killeen, TX  
Newsome, Leoatis, Manager, CTSF Logistics, MANTEC, Ft Hood, TX  
Bill Kincer, CTC-Physical Plant, CTC, Killeen, TX 76540

**MEMBERS ABSENT:**

Alexander, Chris, Best Construction Services, Inc., Salado, TX  
Heigs, Dick, DPW, Ft. Hood, TX  
Condell, Ken, Physical Plant, CTC, Killeen, TX 76540

**EX-OFFICIO MEMBER PRESENT:**

Morgan, Frank, Instructor, CTC, Killeen, TX  
Hazzard, Billy, Dept. Chair, CTC, Killeen, TX  
Dudley, Dudley, Departmental Assistant, CTC Killeen, TX

**EX-OFFICIO MEMBER ABSENT:**

Don Mikles, Dean, CTC, Killeen, TX

The meeting was called to order by Mr. Hazzard who welcomed the committee members on behalf of Dr. Anderson, CTC Chancellor and Mr. Mikles, Dean of Central Campus and thanked the committee for their continued support of the Building Trades program and the Advisory Committee.

He introduced Mr. Frank Morgan, who replaced Mr. Keith Oswalt after he retired August 2006. Mr. Morgan had been a lab assistant for the last eight years. He also stated Mr. Rob Kuldass and Michael Morgese are the lab assistants. Mr. Kuldass has been a lab assistant for 13 years and Mr. Morgese started January 22, 2007.

Mr. Hazzard stated that as a community college, CTC is chartered to serve the community and that is what we are doing with the workforce type of classes offer. The building trades industry requires a trained technician that can enter the workforce and perform the skills taught here. It is a self paced program and focused on the students being able to perform specific tasks. It is not that they have to achieve a certain standard but whether the student can do the task, yes or no, because when a person gets on the job, their employer or by repetition the skill level will increase. From that standpoint, we are training apprentices who, with a little bit of supervision, can do the job and we need feedback from the people that employ our students. Secondly, because the committee members are in the industry, they are more familiar with and aware of things that are changing in the industry. The building trades profession is probably one of the least changed technical skills over the last 30 years.

One of the discussions concerned building codes and how that is changing the construction industry, with the emphasis on making the house more energy efficient. Mr. Hazzard asked for the committee's input to make our program representative of industry needs. Because some committee members have gone through our program or some have employees that have come through our program, they have a sensing of what we are about.

Mr. Morgan talked about the Building Trades program and said that there are approximately 40 students enrolled. He described the 14 different modules taught in the program. Mr. Alsop asked if we had started teaching PEX pipe in the plumbing classes. Mr. Good said that there is a growing demand for PEX pipes. As the cost of copper has tremendously gone up, its use has become more popular. Mrs. Cospers asked if we teach students how to use the threaded pipe or new technology. Mr. Morgan said we were still using copper and black pipe. He would do some research into the installation of PEX piping and could add a module in the residential construction plumbing class. As technology changes, students still need to learn the hands-on skills. Mr. Good asked if we taught codes. Mr. Morgan replied that we do teach the theory of codes but that there are so many variables between municipalities that it was impossible to teach specifics.

Mr. Reindl asked if we taught plumbing maintenance. Mr. Morgan responds that our focus was plumbing construction. Mr. Alsop said that a person able to do the plumbing maintenance, in most cases, is not able to do the construction plumbing. Mr. Reindl would like to see plumbing maintenance added to the curriculum. He also asked about our internship program and was interested in establishing one at the Killeen Housing Authority. Mrs. Dudley stated she would get the internship agreement to him. Mr. Kincer stated that CTC no longer had an internship agreement with the building trades program. The building maintenance department not only does repair but they also do construction.

Mr. Newsom said that our program teaches what their employees do on the job. It has been his experience that students having gone through our program are ready to go to work. Mr. Good also said that we teach skills needed in the building maintenance industry. The modular approach sounds good. He sees a big problem is wall construction in the field but not the problems with plumbing. The courses that we teach give the student a good beginning; a good start for the basic tradesmen. Mr. Good stated that he and another coworker are planning to take courses in our Building Trades Program to learn more.

Mr. Alsop stated that he would like to see more students interested in our programs. He said it starts with the younger generation when parents and counselors begin talking about the programs as early as elementary school. Mr. Hazzard had talked about the articulation agreements that CTC has with the local high schools. If students take certain courses in the high school, maintain a B average and come to CTC, the student can receive credit for those articulated classes in our program after completing six credits with us. Mrs. Dudley asked if anyone else had ideas how to get more students interested in our programs, we are looking for ways to improve our recruitment.

Mrs. Dudley asked the Committee Members if there was a need to continue the programs. The committee agreed that there was a definite need for the program. All members present stated that the Building Trades/Maintenance Technology Programs needed more classroom and lab space.

The committee members completed the annual evaluation of the Building Trades/Maintenance Technology Programs and the Contact Information Form.

Mrs. Dudley thanked everyone for attending the meeting and expressed her appreciation for their assistance and support of the Building Trades/Maintenance Technology Programs. Everyone was invited to tour the facilities. Several members went through the shops.

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Dianne Dudley  
Recorder/Dept. Asst.  
Industrial Technology

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Billy Hazzard  
Department Chair  
Industrial Technology