

Fire Science Advisory Committee Meeting
Thursday, December 19, 2002
Central Park Campus

Advisory Committee Members Present:

Mark Wallace – Chief, McKinney Fire Department
Frank Roma, Assistant Chief, McKinney Fire Department
Scott Thompson, Division Chief, Lewisville Fire Department
Rick Lasky – Chief, Lewisville Fire Department
William Peterson, Fire Chief, Plano Fire Department
Mack Borchardt, Fire Chief, Frisco Fire Department
Bill Hawley, Fire Chief, Allen Fire Department
Bruce Weaver, Director of Off- Campus Security, Southern Methodist University
Bob Acker, Division Chief, Plano Fire Department
Tami Segura, Celina Fire Department
Dick Price, Chief, Fairview Fire Department
Web Tatum, Fisher Controls
Leslie Thetford, Fire Science Operation Specialist
Pat McAuliff, Director of Fire Science

Advisory Committee Members Not Present:

George Caldwell, Division Chief, Plano Fire Department
Tino Paredes, Firefighter/EMT, McKinney Fire Department
Gary Hodge, Dean of Social Sciences, Health, and Public Services

Welcome: Pat McAuliff welcomed the committee members and introduced new committee members and guests.

Call to Order: Mark Wallace and Bob Acker called the meeting to order at 9:10am. The minutes were read from the last meeting. Motion was made by Bruce Weaver to approve the minutes. Web Tatum seconded motion and the minutes were approved. At 9:15am, Mark Wallace deferred the Program Presentation to Pat McAuliff.

Program Report: Pat McAuliff gave an overview of the course offerings that Collin County Community College/ Fire Science Department will be offering for the year 2003 - 2004. They are as follows: Academy Classes, which include two-day academies and one night academy. Credit Classes showed an increase which included an equivalent to 134 full time students resulting in a strong program. There were 80 degree's and certificates given for the Fiscal year 2002 for fire science department. Collin County College/Fire Science Department does 14% of all credit training across the state not including what we are doing in Continuing Education classes. We are offering more Continuing Education Classes, than we have ever offered and we will show a substantial increase for this year on the 2003 schedule. Pat McAuliff stated contact hours will exceed all other years. There are increases in ISO Drills, Hot Drills and Weekend Schools, which County

Department's are scheduling for 12 months at a time. Regional Fire Schools offered three times a year include: February Freeze, MayDay, and Red October. Pat McAuliff also stated that we have been offering Hazmat Awareness classes and Hazmat Operations classes for the McKinney Fire Department. Pat McAuliff announced that the Collin County Firefighters Association committed another \$50,000.00 to be given to Collin County College/ Fire Science excellence fund to provide scholarships for Collin County departments to utilize for training.

New Business: Pat McAuliff explained about our program assessment process and the details on the program evaluation. He brought the EMT program evaluation as a sample for the advisory committee members to view. Pat announced that he would ask one or two members of the Advisory Committee to sit on the program evaluation committee.

Bob Acker stated that Kelly Stone with homeland security might have some monies that Collin County College can utilize.

Pat stated there is funding available, but not to Collin County College because we do not respond to calls.

Frank Roma suggested that maybe the college could be used as a mutual aid to the county. Maybe we can get the Collin County Firefighters Association to provide a written agreement.

Bob Acker volunteered to update the mutual agreements and redo the paperwork for the documents of mutual aid. He suggested that we call it Emergency Response Training Institute (ERTI).

Pat announced that EMT and the Paramedic program has been taken over by the Fire Science Department. He stated that he is going to offer EMT classes for the volunteer firefighters on a volunteer schedule. He also stated that we would offer first responder classes as well.

Tarrant County College Facilities Overview:

Pat McAuliff gave an overview of the new facilities at Tarrant County College. Tarrant County College spent 18 million dollars for their new facility covering over 22 acres. The facilities include:

- A 42,000 square foot administration building with 14 furnished classrooms.
- 14 total Symtron Systems fireplaces used on various props.
- Fire Station with two bays, including lockers and pull out bleachers.
- Warehouse Tower with an 18-wheel truck fire on the loading dock and a Symtron fireplace in the truck.
- Residential Setting, which includes a two-story attack fire prop.
- Hotel/Motel and Strip Mall.
- Car fire prop.
- Out door classrooms with bench seating, white boards, fans, water fountains, restrooms, and SCBA fill station.

- Hazmat spill fire with an overturned tanker and a spill fire.
- Confined Space props.
- Swift Water Rescue prop with two pumps for the water system flowing 80 thousand gallons a minute.

Program Needs:

Equipment

Second Engine: Pat McAuliff stated that he believes that the purchase of a second engine will be approved. He stated that he would keep everybody informed on the purchasing status of both engines.

Pat McAuliff stated that John Ashman wants a commercial chassis and a custom chassis style apparatus with side pump panels and electronics.

Pat McAuliff also stated that the college does not have help with a maintenance shop, so the lease should include maintenance on the two engines.

SCBA's: Pat McAuliff said that we need 15 more Self Contained Breathing Apparatus for next year's academies. He explained that he turned in a request to Capital equipment and it was approved to buy 15 more SCBA's.

These new SCBA's will be the Scott air packs and not ISI air packs.

Facilities

Fire Places

Pat McAuliff suggested that we need to add additional Symtron fireplaces for the burn building. This will be included in the multi phase proposal that will be given to Cary Israel.

Pump Test Pit

Mark Wallace suggested that we need a pump test pit with a dry hydrant opening. We can have a pond to help collect and circulate the water in the test pit.

Forcible Entry Props

Pat announced that we have built a new Forcible entry prop that will enable students to train in door or out door, this prop will allow students to force in doors for forcible entry to a fire.

Other Props:

Scott Thompson suggested other props like, RIT Props, Search Line Props, and "Manage the MayDay" Props. This is for safety training to keep the RIT Teams from having to respond.

Facility Needs:

Pat announced that Cary Israel had said that we could target 1.5 million for the first phase of additions to the Fire Science Program. Pat said that he would give a proposal for four million dollars for expansions so that we could expand in 4 phases in the master plan. Pat stressed that Collin County College needs our own “golden prop”. He wants it in structural collapse. He suggested because of the rapid growth, and lightweight truss construction we should focus on collapse rescue props. He stated that there is a need for training for those departments that would focus on the first 6-8 hours for training on collapse rescue. Whatever we build should also include some realistic, Hollywood style props with lightweight truss construction, a floor collapse and roof collapse simulations.

Pat McAuliff suggested that we no longer need to duplicate the swift water prop but there are other areas along collapse projects that Collin County College can pursue.

Pat asked for suggestions or ideas from the group on expansion of Collin County Fire Science Program.

Mark Wallace stressed that he agreed that it is important to do a master plan of what we need and then pick from the master plan as phase 1, phase2, phase 3 and phase 4 at a million dollar increments. He also suggested that we include a site plan with priorities listed for each phase.

Mark Wallace wanted to know if the College would sell the adjacent half of the Fire Academy building as well as the small drill tower to the McKinney fire Department. Mr. Wallace stated that the College could build another Fire Academy facility or take over the plant ops building north of the burn complex.

Frank Roma stressed his concerns that if the Fire Science Department did not take over the building that the building will be in the way of progress of the expansions.

Pat McAuliff announced that he voiced his concerns on the building as an issue to Cary Israel and Cary asked Pat if we wanted the building. Pat suggested that we could take over the building with some modifications.

Mark Wallace wanted to know how many acres does that college have to expand?

Pat said that the college has 120 acres that we could use for expansion. Pat suggested that some of the acres might be sold.

Mark stressed his concerns that if the acres are sold off and strip malls come in the area it may be a problem with our expansions.

Mark Wallace suggested that we add an apartment burn facility and a separate little house for one story dwelling fires to train on attic fires. Also add props that resemble an old down town McKinney or Lewisville setting for training.

Dick Price stated that he has several contacts with DreamWorks for the heat sensation props.

Bob Acker suggested that we have props that will allow us to provide training for the use of transformers, gas meters, manifolds, and telephone switching.

Mark Wallace suggested that we contact Kevin Slay at Encore TXU to help with these props.

Web Tatum suggested that he could get the relief valves for the props.

Dick Price suggested that we also add a trench rescue prop with the USAR concept of training.

Rick Lasky said that Arlington Heights has a great trench rescue prop with concrete walls that provided a safe release for the trench rescue prop.

Web Tatum said that he has a 30ft. tall, 6 thousand gallon confined space prop that we can have.

Bob Acker suggested that our second phase for the existing building had a swift water prop; he agreed that we should not duplicate the prop but we should have a small swift water awareness prop. This prop would have hydraulics with less than 10,000 gallons of water flowing through it. This will provide awareness for concepts and dangers of swift water with a loop for training on low water crossing situations. This can be built with minimum costs to the program.

Mack Borchardt suggested that we should focus on a prop for construction industries. He expressed that most of their calls in Frisco are construction related. He stated that collapse would most likely to happen during the construction phase than when the building is actually finished being built. He suggested that we have a construction collapse prop. As to the swift water awareness prop he stated that Frisco also needs training for water retention ponds or stock tanks.

Tami Segura suggested that we needed grain bins for Ag rescue classes. She also suggested grain elevators for confined space rescue props.

Class Needs:

Pat McAuliff asked if there were any class needs that the Fire Science Department is not offering that the departments need for the future training?

Tami Segura would like to have courses on retention and recruiting for volunteer departments. She would like to see classes on SOP's, volunteer administrative officers classes, and grant research writing. Also she would like to see volunteer fire officer courses, incident command programs, and national system for ICS.

Frank Roma suggested that we have an apprenticeship program with paid departments. The volunteer officers could spend time with the paid officers, possibly the mutual aid departments, so they would be trained the same way.

Regional Schools:

Frank Roma suggested that McKinney Fire Department to Co-Host a regional school with the College so McKinney FD can help pay for a headliner instructor's salary.

Rick Lasky stated that paid fire men and women would rather come on weekends for training to see a head liner instructor.

Co-Chair Mark Wallace adjourned the meeting at 11:40am.