


Fire Tech Advisory Committee Meeting

Thursday April 4, 2024

12:00pm – 1:30pm (Lunch provided)

First Responder Campus, 3300 East North Avenue, Fresno CA 93725

Room F104

12:00 pm	Welcome & Introductions – Lunch Provided Agenda approved and seconded	Director Peter Cacossa
12:10 pm	Perkins Advisory Committee: The primary purpose of the CTE Program Advisory Committee is to assist educators in establishing, operating, and evaluating the CTE program – which serves the needs of the students, the community, and the business/industry partners – and to provide expertise and insight about current/future industry and technological changes. Explained the Perkins history and process and what items we had been able to purchase in the last few years with Perkins funding.	Director Peter Cacossa
12:15 pm	Industry Climate (Current skills required and job outlook. See questions in Part Two) Review of Fire Tech Certificates and Degrees with Committee Voting. (linked to Qualtrics voting survey)  All participants voted using the QR code. Programs motioned and approved and seconded.	Advisory Members
12:30 pm	Program Updates (since last meeting) Peter updated the group on the move, the current academy class and SFT classes. Talked about the potential for Phase 2 and Fresno Fire moving in next to us and the items that they will bring to the campus. Requested support from our agencies to ask our school and district about when our tower and other items would be completed and approved. Carlos updated the group on the expansion of the program for a expedited Summer class, the future PALS, ACLS, BLS CPR and new Paramedic AS degree.	Fire Tech Coordinators Rick Lum and Carlos Chavez

12:40 pm	Review of current awards and programs Spoke mostly to the Company Officer series, Paramedic degree, and CPL and explained how CPL works in making it easier to complete the program.	Director Peter Cacossa
12:45 pm	New Curriculum/Course Outline Review Rick talked about the 4-year curriculum review and Carlos talked about the new BLS CPR, PALS, and ACLS courses.	Fire Tech Coordinators Rick Lum and Carlos Chavez
1:00 pm	Campus & Equipment Updates Peter Cacossa spoke about the upcoming Water Tender, Telehandler, and Decon washer purchases which were all very supported by the advisory group. Cancer prevention and education is a huge issue in the fire service right now and they were really looking forward to our students to have the ability to foster cancer prevention and reduction at the start of their careers.	Director Peter Cacossa
1:10 pm	2024-2029 Strategic Plan Strategic plans were distributed to the group and we will send them out to agencies that were not in attendance.	Director Peter Cacossa

Perkins Funding Process: The way it's supposed to work.

Part One

- Program/Course Input from Advisory
- Current programs (review)
- New/Innovative Programs (make recommendations)
- Program/course discontinuance
- Program plan (and funding application) for following year
- Implementation (instruction, special programs, equipment, CTE counselor, T&C)
- **Advisory feedback & input (advisory minutes)**
- Tracking and reporting progress (enrollment, success, retention)
- Annual budget and report (unit plans and action plans)

Part Two – linked to Qualtrics Survey (see questions below)



- What are the specific job skills this discipline should focus on?
- Do our courses reflect adequate training, current practices, and job duties in your organization?
- Is FCC meeting your expectations in this area?

- What skills are lacking in entry-level employees?
- What specific equipment should students be able to use?
- What are the strengths and weaknesses of our students? Do college/center students have any advantage over others in the hiring process? Would you recommend FCC students to other employers?
- How is the economy affecting our area/job market?
- What do you see happening in this industry in the next few years?
- What should we be considering as innovations for change?
- What can we do to have a greater influence in getting you to hire our graduates?
- Can you provide us information on the pay range of your entry-level positions?
- Would you allow students to train at your business?
- How many of our FCC program graduates do you hire per year?
- Are internships available? Paid or unpaid?
- Do you have specialized training needs?
- What type of training do you provide?

[Part 3 – Link to Qualtrics Survey \(list of certificate or degree programs with voting\)](#)

Advisory Awards, Program, and Course Outline Feedback Questions



Fire Technology Certificate Programs:

- [Basic Fire Academy – Major #883B – Certificate of Achievement](#)

The Basic Fire Academy program offers curriculum to prepare students with the knowledge and skills necessary to become a State of California Certified Firefighter 1. Employment opportunities are found in various branches of government and the private sector. The academy is offered in two different formats; an intensive 40 hours per week program or an extended 24 hours per week night program. PROGRAM REQUIREMENTS To qualify for the program, applicants must: Be 18 years of age or have a high school diploma or G.E.D. Applicant with prior college work must be on good academic and progress standing on all college work attempted. Have successfully completed minimum of Public Safety-First Aid and CPR (CA Health and Safety Code 1797.182) Possess a valid California driver's license. Provide proof of a clear physical examination including an electrocardiogram printout (EKG).Contact the Fire Academy Coordinator.

- [Emergency Medical Technician 1 – Major #8842 – Certificate](#)

Designed to prepare personnel in the fire, life safety and related fields to render care to the ill and injured in the prehospital environment, in accordance with all federal, state and local Emergency Medical Services authorities.

- [Emergency Medical Technician 1 Refresher – Major #8843 – Certificate](#)

Designed for the student needing to complete the "continuing education" (CE) requirements necessary to maintain their EMT-B certification status.

- [Fire Technology – Major #883A – Certificate of Achievement](#)

This program is designed to provide the student with updated skills and knowledge necessary to complete and successfully apply for fire service careers. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in the profession of firefighting and fire technology.

- [Company Officer – Major #8836 – Associate of Science Degree](#)

This program will allow for the student to obtain a AS degree in their chosen field and have transfer credits to the CSU system to pursue a higher education. This will position them for future success.

- [Fire Technology – Major #883A – Associate of Science Degree](#)

This program is designed to provide the student with updated skills and knowledge necessary to complete and successfully apply for fire service careers. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in the profession of fire fighting and fire technology.

- [Firefighter II – Major #8835 – Certificate](#)

Provides the skills and knowledge needed for the entry level professional fire fighter to perform his/her duties safely, effectively, and competently. The curriculum is based on the 2013 edition of NFPA 1001 Standard for Fire Fighter Professional Qualifications. The five overarching themes of the California State Fire Fighter II curriculum are: general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, and prevention, preparedness, and maintenance.

- [Paramedic – Major #8845 – Certificate of Achievement](#)

Designed to prepare personnel in the fire, life safety and related fields to render advanced emergency medical care to the ill and injured in the pre-hospital environment, in accordance with all federal, state and local emergency medical services authorities.

Required and Permissive Use of Perkins Funds [SECTION 135(b)1-9]

SCCCD requires eligible recipients to expend funds in the nine required categories below. If no Perkins Funds are budgeted for a required use, the eligible recipient must explain how local or state funds are used to meet the requirement.

- To strengthen the academic and career & technical skills of students participating in career & technical education programs
- To link career & technical education at the secondary level and career & technical education at the postsecondary level
- To provide students with strong experience in and understanding of all aspects of an industry, which may include work-based learning experiences
- To develop, improve, or expand the use of technology in career & technical education
- To provide professional development programs
- To develop and implement evaluations of the career & technical education programs carried out with funds
- To initiate, improve, expand, and modernize quality career & technical education programs, including relevant technology
- To provide services and activities that are of sufficient size, scope, and quality to be effective
- To provide activities to prepare special populations who are enrolled in career & technical education programs for high-skill, high-wage, or high-demand occupations that will lead to self-sufficiency