

# Classification and Qualification



# STANDARDS

The California State University System

## Fire Apparatus Engineer

Class Codes: 8830 - 8832

Date Established: 12/01/00

### OVERVIEW:

The Fire Apparatus Engineer is designed for positions with a broad range of fire-fighting and fire-prevention responsibilities.

### ENTRY QUALIFICATIONS:

Entry to this classification requires: three (3) months full-time fire-fighting experience or one (1) year of full time experience in driving trucks of at least two-ton capacity or two (2) years experience as a registered volunteer fire fighter; the ability to meet CSUC medical standards and campus physical agility standards as appropriate; and, a California Driver's License appropriate to the vehicle required to operate.

### Typical nature of work assignments:

Under general direction, incumbents work independently and respond to campus fire alarms and emergency medical calls.

Work involves driving and operating fire apparatus during fire fighting and rescue operations; maintaining and conducting minor repairs on vehicles, equipment and fire station; investigating and reporting on the cause of fires; inspecting campus for fire hazards and other dangerous conditions; recommending campus responses to hazards; maintaining fire extinguishers and hoses; assisting in salvage and overhaul operations; and notifying the appropriate authority of faulty equipment or dangerous circumstances.

May be responsible for training and leading assigned crew and students performing fire fighting duties.

May be responsible for fire suppression, fire prevention and/or rescue and medical response programs, including enforcing fire prevention codes and investigating complaints pertaining to the violation of fire laws and writing detailed reports of findings.

May be responsible for the operation of the campus fire station which includes supervising house-keeping and ensuring proper levels of materials and supplies, as well as other Fire Apparatus Engineers.

May direct campus-wide fire-fighting and emergency medical responses.

### Typical knowledge and skill requirements:

Thorough knowledge of fire-fighting methods for both structural and open space fires.

Knowledge of emergency first aid and rescue techniques.

Ability to operate, maintain and repair a variety of fire-fighting apparatuses and the ability to use related tools and equipment.

Ability to direct a crew in fire-fighting and rescue work.

Ability to write clear and concise incident reports.

Ability to communicate clear and concise orders in emergency situations.

Ability to follow written and verbal communications.

Knowledge of fire prevention laws and equipment maintenance regulations.

Knowledge of potential fire hazards.

Ability to develop and communicate fire prevention programs.

Ability to meet campus physical agility requirements.

CPR certificate

First Aid Instructors Certificate

Proper California Driver's License for driving emergency vehicles

Supervisory skills preferred