COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

FIRE SCIENCES SYLLABUS

Course Information

Course Number: FIRT 1442

Course Title: Fire Officer I

Course Description: Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Officer I certification. Lab required.

Course Credit Hours: 4
Lecture Hours: 4
Contact Hours: 64

Student Learning Outcomes: Demonstrate competencies set forth in the TCFP curriculum for Fire Officer I including:

1. Assign tasks or responsibilities to unit members, given an assignment at an emergency operation, so that the instructions are complete, clear, and concise: safety considerations are addressed: and the desired outcomes are conveyed.
(SCANS: F1, F1, F3, F4, F5, F6, F7, F8, F9, F11, F12, F14, F15, F16, C1, C3, C4, C5, C7, C8, C11, C12, C13, C18, C19)
2. Assign tasks or responsibilities to unit members, given an assignment under nonemergency conditions at a station or other work location, so that the instructions are complete, clear and concise; safety considerations are addressed; and the desired outcomes are conveyed.
(SCANS: F1, F1, F3, F4, F5, F6, F7, F8, F9, F11, F12, F14, F15, F16, C1, C3, C4, C5, C7, C8, C11, C12, C13, C18, C19)
3. Direct unit members during a training evolution, given a company training evolution and training policies and procedures, so that the evolution is performed in accordance with safety plans, efficiently, and as directed.
(SCANS: F1, F1, F3, F4, F5, F6, F7, F8, F9, F11, F12, F14, F15, F16, C1, C3, C4, C5, C7, C8, C11, C12, C13, C18, C19)
4. Recommend action for member-related problems, given a member with a situation requiring assistance and the member assistance policies and procedures, so that the situation is identified and the actions taken are within the established policies and procedures.
(SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
5. Apply human resource policies and procedures, given an administrative situation requiring action, so that policies and procedures are followed.
(SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
6. Deal with administrative procedures that might include, transfers, promotions, compensation/member benefits, sick leave, vacation, request for pay or benefits while acting in a temporary position, change in member benefits, commendations, disciplinary actions, and grievances.
(SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)

7. Coordinate the completion of assigned tasks and projects by members, given a list of projects and tasks and the job requirements of subordinates, so that the assignments are prioritized, a plan for the completion of each assignment is developed, and members are assigned to specific tasks and supervised during the completion of the assignments.
   (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
8. The Fire Officer I candidate shall initiate action on a community need, given policies and procedures, so that the need is addressed.
   (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
9. Initiate action to a citizen's concern, given policies and procedures, so that the concern is answered or referred to the correct individual for action and all policies and procedures are complied with.
   (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
10. Respond to a public inquiry, given policies and procedures, so that the inquiry is answered accurately, courteously, and in accordance with applicable policies and procedures.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
11. Deliver a public education program, given a target audience and topic, so that the intended message is conveyed clearly.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
12. Recommend changes to existing departmental policies and/or implement a new departmental policy at the unit level, given a new departmental policy, so that the policy is communicated to and understood by unit members.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
13. Execute routine unit-level administrative functions, given form and record-management systems, so that the reports and logs are complete and files are maintained in accordance with policies and procedures.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F14, F15, F16, C1, C2, C3, C4, C5, C7, C8, C9, C10)
14. Prepare a budget (purchase) request, given a need and budget (purchase) forms, so that the request is in the proper format and is supported with data.
    (SCANS: F1,L F2, F3, F4, F5, F6, F7, F8, F9, F11, F12, C1, C2, C3, C4, C7, C11, C12, C13, C14)
15. Evaluate available information, given a fire incident, observations, and interviews of first-arriving members and other individuals involved in the incident, so that a preliminary cause of the fire is determined, reports are completed, and, if required, the scene is secured and all pertinent information is turned over an investigator.
    (SCANS: F1, F2, F3, F4,F5, F6, F7, F8, F9, F11, C1, C11, C12, C13, C14, C18, C19, C20)
16. Secure an incident scene, given rope or barrier tape, so that unauthorized persons can recognize the perimeters of the scene and are kept from restricted areas, and all evidence or potential evidence is protected from damage or destruction.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, C1, C3, C7)
17. Develop a pre-incident plan, given an assigned facility and preplanning policies, procedures, and forms, so that all required elements are identified and the approved forms are completed and processed in accordance with policies and procedures.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, C1, C3, C7)
18. Develop an initial action plan, given size-up information for an incident and assigned emergency response resources, so that resources are deployed to control the emergency.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
19. Implement an action at an emergency operation, given assigned resources, type of incident, land a preliminary plan, so that resources are deployed to mitigate the situation.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
20. Develop and conduct a post-incident analysis, given a single unit incident and post-incident analysis policies, procedures, and forms, so that all required critical elements are identified and communicated, and the approved forms are completed and processed in accordance with policies and procedures.
    (SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)

21. Apply safety regulations at the unit level, given safety policies and procedures, so that required reports are completed, in-service training is conducted, and member responsibilities are conveyed.
(SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)
22. Conduct an initial accident investigation, given an incident and investigation forms, so that the incident is documented and reports are processed in accordance with policies and procedures.
(SCANS: F1, F2, F4, F5, F6, F7, F8, F9, F11, F12, F13, F15, F16, C2, C4, C5, C6, C8, C9, C10, C11, C12, C13)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS)- SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at: http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.