COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

FIRE SCIENCES SYLLABUS

Course Information

Course Number: FIRT 1443

Course Title: Fire Officer II

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

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

Prerequisites: FIRT 1442 and FIRT 2305, or consent of Program Director

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

1. Initiate actions to maximize member performance and/or to correct unacceptable performance, given human resource policies and procedures, so that member and/or unit performance improves or the issue is referred to the next level of supervision.
   (SCANS: F1, F2, F4, F5, F7, C11, C13)
2. Evaluate the job performance of assigned members, given personnel records and evaluation forms, so each member's performance is evaluated accurately and reported according to human resource policies and procedures.
   (SCANS: F1, F2, F4, F5, F7, C11, C13)
3. Develop a policy or procedure, given an assignment, so that the recommended policy or procedure identifies the problem and proposes a solution.
   (SCANS: F1, F2, F4, F5, F7, C11, C13)
4. Develop a project or divisional budget, given schedules and guidelines concerning its preparation, so that capital, operating, and personnel costs are determined and justified.
   (SCANS: F1, F2, F4, F5, F7, C2, C3, C4, C11, C13, C14)
5. Describe the process of purchasing, including soliciting and awarding bids, given established specifications, in order to ensure competitive bidding.
   (SCANS: F1, F2, F4, F5, F7, C2, C3, C4, C11, C13, C14)
6. Prepare a news release, given an event or topic, so that the information is accurate and formatted correctly.
   (SCANS: F1, F2, F6, F9, F16, C1, C7, C11, C12, C13, C14)
7. Prepare a concise report for transmittal to a supervisor, given fire department record(s) and a specific request for details such as trends, variances, or other related topics.
   (SCANS: F1, F2, F6, F9, F16, C1, C7, C11, C12, C13, C14)

8. Describe the procedure for conducting fire inspections, given any of the following occupancies, so that all hazards, including hazardous materials, are identified, approved forms are completed, and approved action is initiated.
   (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9,C1, C3, C4, C7)
   a. Assembly
   b. Educational
   c. Health care
   d. Detention and correctional
   e. Residential
   f. Mercantile
   g. Business
   h. Industrial
   i. Storage
   j. Unusual structures
   k. Mixed occupancies
9. Determine the point of origin and preliminary cause of a fire, given a fire scene, photographs, diagrams, pertinent data and/or sketches, to determine if arson is suspected.
   (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F11, C3, C4, C11, C12, C13, C14)
10. Produce operational plans, given an emergency incident requiring multi-unit operations, so that required resources and their assignments are obtained and plans are carried out in compliance with approved safety procedures resulting in the mitigation of the incident.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9,C1, C3, C4, C7)
11. Develop and conduct a post-incident analysis, given multi-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.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9,C1, C3, C4, C7)
12. Analyze a member's accident, injury, or health exposure history, given a case study, so that a report including action taken and recommendations made is prepared for a supervisor.
    (SCANS: F1, F2, F3, F4, F5, F6, F7, F8, F9, F11, C3, C4, C11, C12, C13, C14)

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.