COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

EMERGENCY MEDICAL SERVICES COURSE SYLLABUS

Course Information

Course Number: EMSP 1438

Course Title: Introduction to Advanced Practice

Course Description: Fundamental elements associated with emergency medical services to include preparatory practices, pathophysiology, medication administration, and related topics. Lab required.

Course Credit Hours: 4
Lecture Hours: 3
Lab Hours: 3
Contact Hours: 96

Prerequisite: EMSP 1160 and EMSP 1371 (or MDCA 1409) and EMSP 1501, or EMT-Basic certification, or consent of Program Director

Student Learning Outcomes: Upon successful completion of the course, the student will be able to:

1. Describe the roles and responsibilities of advanced EMS personnel within the EMS system.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
2. Apply concepts of anatomy & physiology, pathophysiology and pharmacology to the assessment and management of emergency patients.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
3. Employ effective communication.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
4. Interpret medical/legal issues.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
5. Demonstrate ethical behaviors.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
6. Discuss well-being of the paramedic.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
7. Describe the relationship between the paramedic and other members of the allied health professions.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
8. Identify the attributes and characteristics of the paramedic.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
9. Explain the elements of paramedic education and practice that support its stature as a profession.
   (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
10. Define and give examples of the expanded scope of practice for the paramedic.
    (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
11. Describe environmental risk factors and combined effects and interaction among risk factors.
    (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
12. Discuss familial diseases and associated risk factors.
    (SCANS: F1, F2, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)

13. Describe the indications, equipment needed, technique used, precautions, and general principles of peripheral venous access.
    (SCANS: F1, F2, F3, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
14. Describe the indications, equipment needed, technique used, precautions, and general principles of intraosseous needle placement and infusion.
    (SCANS: F1, F2, F3, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)
15. Describe the purpose, equipment needed, techniques used, complications, and general principles for obtaining a blood sample.
    (SCANS: F1, F2, F3, F4, F5,F6, F7, F8, F10, F11, F12, F14, F15, F16, C1, C8, C10, C11, C12, C13, C15)

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.