Course Outline

COURSE: JFT 30  DIVISION: 50  ALSO LISTED AS:  

TERM EFFECTIVE: Spring 2018  CURRICULUM APPROVAL DATE: 05/08/2017

SHORT TITLE: PARAMEDIC CORE

LONG TITLE: Paramedic Core

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 TO 14</td>
<td>18</td>
<td>Lecture: 5 TO 7</td>
<td>90 TO 126</td>
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<td></td>
<td></td>
<td>Lab: 17.3 TO 20.8</td>
<td>311.4 TO 374.4</td>
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<td>Other: 0</td>
<td>0</td>
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<td></td>
<td></td>
<td>Total: 22.3 TO 27.8</td>
<td>401.4 TO 500.4</td>
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</table>

COURSE DESCRIPTION:

This course is designed to guide students to successful completion of the National Registry EMT-Paramedic exam and meets the training requirements mandated by the State of California, California Code of Regulations Title 22. The didactic instruction represents the delivery of primarily cognitive material. This is the first part of a three-part program. Students must successfully complete the didactic portion of training prior to progressing to Clinical training (part two). PREREQUISITE: JFT 17 EMT

PREREQUISITES:
Completion of JFT 17, as UG, with a grade of C or better.

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
02 - Lecture and/or discussion
03 - Lecture/Laboratory
04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:
1. Students will learn to identify common respiratory emergencies and the appropriate treatments.

5/25/2017
Measure of assessment: Written Exam Skills demonstration
Year assessed, or planned year of assessment: 2016
2. Demonstrate the different techniques of medication administration.
Measure of assessment: Skills exam Demonstration
Year assessed, or planned year of assessment: 2016
3. Establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
Measure of assessment: skills demonstration
Year assessed, or planned year of assessment: 2016
4. Identify pathophysiological principles and the assessment findings to formulate a field impression and implement a treatment plan for the patient with a suspected spinal injury
Measure of assessment: skills demonstration, written exam
Year assessed, or planned year of assessment: 2016
5. Demonstrate proper techniques for transferring patient care.
Measure of assessment: Skills demonstration Exam
Year assessed, or planned year of assessment: 2016

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Curriculum Approval Date: 05/08/2017

LECTURE CONTENT:
A. EMS System and Paramedic Roles and Responsibilities
1. EMS systems
2. Professionalism
3. Attributes and responsibilities of a paramedic
4. Medical direction
5. Improving system accountability
B. Body systems: anatomy and physiology
1. Review of anatomy and physiology
2. Organizational structure
3. Cell structure
4. Tissues
5. Organ systems
6. Systems
C. EMS Systems Improvement and education
1. The cost of injuries
2. Reason for EMS involvement
3. A successful drowning prevention program
D. Legal and regulatory issues
1. The legal system
2. Legal accountability for the paramedic
E. Ethics and professional behavior
1. Code of ethics
2. Patient rights
3. Professional accountably
F. Medical terminology review
G. Review Anatomical Systems Functions
H. Review Pathophysiology
I. Life Span development
1. Infants
2. Toddlers and preschoolers
3. School age children and young adults
J. Basic principles of pharmacology
1. Drug names
2. Drug classifications
3. Routes of medication
4. Medication administration
K. Toxicology
L. Infectious and communicable diseases
M. Psychiatric disorders and substance abuse
1. The suicidal patient
N. Hematologic disorders
O. Geriatrics
P. Environmental issues
LAB CONTENT:
A. Proper hygiene techniques
B. Establishing intravenous routes
1. IV techniques
2. IO techniques
3. Setting up, starting IV’s
C. Basic and advanced airway management techniques
1. NPS’s, OPA’s
2. Suctioning
3. Endotracheal intubation
4. Tracheotomy care
5. Multi lumen devices
6. O2 therapy
D. Cardiac monitor devices
E. Medication administration
F. Simulated scenarios
G. Transferring patient care
1. Documentation
2. Verbal
H. Shock and resuscitation
I. Obstetrics and gynecology
J. Pediatrics and neonatology
1. Assessment
K. Trauma
1. Treatment procedures
L. Special Operations
1. Crime Scene
2. Emergency vehicle operations
3. Hazardous material incidents
4. Disaster response

OUT OF CLASS ASSIGNMENTS:
Required Outside Hours:
Assignment Description:

5/25/2017
Read 1.6 chapters per week
Review skills in the program lab manual
Required Outside Hours:
Assignment Description: Workbook / writing assignments are given each week and include: matching, multiple choice, fill in the blank, identifying, ambulance calls, problem solving, labeling diagram.
Required Outside Hours:
Assignment Description:
Write prehospital patient care report form.
Medical research

METHODS OF INSTRUCTION:
Lecture Text Book Assignments Scenarios for critical thinking Skills demonstrations

METHODS OF EVALUATION:
Writing assignments
Percent of total grade: 25.00 %
Percent range of total grade: 25 % to 60 % Written Homework; Reading Reports; Lab Reports; Essay Exams
Problem-solving assignments
Percent of total grade: 20.00 %
Percent range of total grade: 20 % to 40 % Homework Problems; Field Work; Lab Reports; Quizzes; Exams
Skill demonstrations
Percent of total grade: 40.00 %
Percent range of total grade: 40 % to 80 % Class Performance/s; Performance Exams
Objective examinations
Percent of total grade: 10.00 %
Percent range of total grade: 10 % to 20 % Multiple Choice; True/False

REPRESENTATIVE TEXTBOOKS:
Required Representative Textbooks
AAOS . AAOS, Principles of ALS Care . AAOS ,2016.
Reading Level of Text, Grade: 12th
Required Other Texts and Materials
American Heart Association, Advanced Cardiac Life Support (ACLS) Manual
Essentials of Anatomy and Physiology, 6th edition Text and Workbook

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
Transferable CSU, effective 201070
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N

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