

Course Outline

COURSE: JFT 31 **DIVISION:** 50 **ALSO LISTED AS:**

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

SHORT TITLE: PARAMEDIC - CLINICAL

LONG TITLE: Paramedic - Clinical

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
4 TO 7	18	Lecture:	0	0
		Lab:	11.77 TO 22.06	211.86 TO 397.08
		Other:	0	0
		Total:	11.77 TO 22.06	211.86 TO 397.08

COURSE DESCRIPTION:

Application of skills that demonstrate principles and concepts of anatomy, physiology, pathophysiology, clinical symptoms and diagnosis as it pertains to pre-hospital emergency medical care of the sick and injured. The students will rotate through specialty areas of the hospital departments: pediatrics, pediatric intensive care unit, labor and delivery, surgery (airway management), respiratory therapy, other selected hospital areas, assisted Living, Skills Nursing Facilities, and facilities for the mentally and physically challenged. This course is pass/no pass. **PREREQUISITE:** JFT 30, Paramedic Core 1. Certified Emergency Medical Technician diploma or equivalent as determined by the Dean of Academy Instruction. **NOTE:** Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. 2. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced officer training that builds upon them. These minimum knowledge and skill levels are regarding: Familiarity with patient assessment, Familiarity with effective communication, Familiarity with the administration of medication, Familiarity with obstetrics, pediatrics and geriatrics

PREREQUISITES:

Completion of JFT 30, as UG, with a grade of C or better.

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

STUDENT LEARNING OUTCOMES:

1. Demonstrate the ability to accurately assess patients, formulate a treatment plan, and administer medication or other treatment appropriately.

Measure of assessment: Preceptor evaluation, practical application of techniques, skill demonstration

Year assessed, or planned year of assessment: 2016

2. Demonstrate the ability to systematically process assessment findings and develop conclusions.

Measure of assessment: Preceptor evaluation, Practical application of techniques

Year assessed, or planned year of assessment: 2016

3. Facilitate understanding by hospital personnel through effective communication.

Measure of assessment: Preceptor evaluation, Discussion

Year assessed, or planned year of assessment: 2016

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 05/08/2017

A. Special patients: Coronary Care Intensive Care Unit, Medical Surgical Intensive Care Unit, Psychiatric Care Unit, and the Intensive Care Unit.

1. Learn and discuss the challenges for the above patient groups.

B. Assist in the care of special patients: pediatrics, obstetrics, spinal ward, burn, etc.

1. Learn how to treat patients with special challenges.

2. Discuss with your preceptor your treatment modalities.

C. Beginning/intermediate clinical skills to provide optimal patient care within the confines of state and county guidelines.

D. Systematically process assessment findings and develop conclusions.

1. Collect patient information and develop a working diagnosis.

E. Describe clearly and concisely pertinent emergency medical information.

1. Deliver verbal patient information.

F. Facilitate understanding by hospital personnel through effective communication.

1. Communicate your findings for evaluation of assessment skills.

G. Medications.

1. Calculations.

2. Modes of administration.

3. Monitoring patients post administration.

H. Perform basic and advanced airway management techniques.

1. Basic airway techniques.

2. Advanced airway techniques.

I. Venous access in all age group patients.

1. Safe practices for starting IV.

2. IO techniques.

J. Compressive assessment, formulate and implement a treatment on adult and pediatric patients.

1. Critical thinking process to generate a working diagnosis.

2. Make a determination of the best route of treatment according to treatment protocols.

K. Compressive assessment, formulate and implement a treatment on geriatric patients to determine appropriate care and treatment.

L. Compressive assessment, formulate and implement a treatment on patients with mental and physical challenge, i.e. Downs Syndrome to determine appropriate care and treatment.

M. Special patients: pediatrics definitive care units including pediatric intensive care unit, obstetrics including labor and delivery, and the emergency department.

1. Learn and discuss the challenges for the above patient groups.
- N. Assist in the care of special patients: pediatrics definitive care units including pediatric intensive care unit, obstetrics including labor and delivery, and the emergency department.
 1. Learn how to treat patients with special challenges.
 2. Discuss with your preceptor your treatment modalities.

OUT OF CLASS ASSIGNMENTS:

Writing Assignment:

Students will write pre-hospital patient care report form.

Students will compose weekly documentation of Clinical progress.

Reading Assignment:

Review patient information in order to develop a working diagnosis.

METHODS OF INSTRUCTION:

Lab, discussion and skill demonstration in the form of hands-on patient care will serve as the medium of instruction. Individual guidance will be provided as required.

METHODS OF EVALUATION:

Writing assignments

Percent of total grade: 20.00 %

Percent range of total grade: 20 % to 25 % Written Assignments

Problem-solving assignments

Percent of total grade: 20.00 %

Percent range of total grade: 20 % to 25 Field Work; Quizzes; Exams

Skill demonstrations

Percent of total grade: 35.00 %

Percent range of total grade: 35 % to 50 % Class Performance/s; Field Work; Performance Exams

Objective examinations

Percent of total grade: 15.00 %

REPRESENTATIVE TEXTBOOKS:

Required Representative Textbooks

American Heart Association. Advanced Cardiac Life Support (ACLS) Provider Manual. Channing and Bete,2010.

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

American Heart Association. BLS for the Healthcare Provider. Channing and Bete,2010.

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

Barbara Aehlert. Paramedic Practice Today: Above and Beyond. Elsevier/Mosby,2011.

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

Tina Sanders and Valerie C. Scanlon. Essentials of Anatomy and Physiology. Text and Workbook,2010.

Reading Level of Text, Grade: 12 Verified by: Doug Achterman

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 201070

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department: JFT

CSU Crosswalk Course Number: 31

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: C

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000522372

Sports/Physical Education Course: N

Taxonomy of Program: 125100