



5055 Santa Teresa Blvd  
Gilroy, CA 95023

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### Course Outline

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

**TERM EFFECTIVE:** Summer 2024                      **CURRICULUM APPROVAL DATE:** 06/11/2024

**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:	12 TO 22.06	216 TO 397.08
		Other:	0	0
		Total:	12 TO 22.06	216 TO 397.08

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Out of Class Hrs:            000.00  
Total Learning Hrs:        216.00 TO 397.08

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#### **COURSE DESCRIPTION:**

Application of skills that demonstrate principles and concepts of anatomy, physiology, pathophysiology, clinical symptoms and diagnosis as the pertain 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. **PREREQUISITE:** JFT 30 and Certified Emergency Medical Technician diploma or equivalent as determined by the Dean of Academy Instruction.

#### **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:

04 - Laboratory/Studio/Activity

## STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Demonstrate the ability to accurately assess patients, formulate a treatment plan, and administer medication or other treatment appropriately.
2. Demonstrate the ability to systematically process assessment findings and develop conclusions.
3. Facilitate understanding by hospital personnel through effective communication.

## COURSE OBJECTIVES:

By the end of this course, a student should:

1. perform assessment and treatment skills learned in the didactic portion of the program.

## COURSE CONTENT:

Curriculum Approval Date: 06/11/2024

A. Special patients: Coronary Care Intensive Care Unit, Medical Surgical Intensive Care Unit, Psychiatric Care Unit, and the Intensive Care Unit. (20 - 40 hours)

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. (16 - 24 hours)

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.(24-53.08 hours)

D. Systematically process assessment findings and develop conclusions.(16-24 hours)

1. Collect patient information and develop a working diagnosis.

E. Describe clearly and concisely pertinent emergency medical information. (16- 24 hours)

1. Deliver verbal patient information.

F. Facilitate understanding by hospital personnel through effective communication. (24-40 hours)

1. Communicate your findings for evaluation of assessment skills.

G. Medications (10?32 hours)

1. Calculations.
2. Modes of administration.
3. Monitoring patients post administration.

H. Perform basic and advanced airway management techniques.(12.14-32 hours)

1. Basic airway techniques.
2. Advanced airway techniques.

I. Venous access in all age group patients. (16 - 24 hours)

1. Safe practices for starting IV.
2. IO techniques.

J. Compressive assessment, formulate and implement treatment on adult and pediatric patients.(16 - 24 hours)

**COURSE CONTENT(CONTINUED):**

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 treatment on geriatric patients to determine appropriate care and treatment. (21.86 - 32 hours)
- 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. (8 - 16 hours)
- M. Special patients: pediatrics definitive care units including pediatric intensive care unit, obstetrics including labor and delivery, and the emergency department. (10 - 16 hours)
  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.(10-16 hours)
  1. Learn how to treat patients with special challenges.
  2. Discuss with your preceptor your treatment modalities.

**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

Evaluation Percent 25

Evaluation Description

Written Assignments

Problem-solving assignments

Evaluation Percent 25

Evaluation Description

Field Work;

Quizzes;

Exams

Skill demonstrations

Evaluation Percent 50

Evaluation Description

Class Performance/s;

Field Work;

Performance Exams

**REPRESENTATIVE TEXTBOOKS:**

Paramedic Practice Today: Above and Beyond, Barbara Aehlert, Elsevier/Mosby, 2013 or a comparable textbook/material.

ISBN: 978-0323043892

Rationale: The most current edition of this textbook.

12 Grade Verified by: Doug Achterman

Advanced Cardiac Life Support (ACLS) Provider Manual, American Heart Association, Channing and Bete, 2020 or a comparable textbook/material.

ISBN: 978-1-61669-797-6

Rationale: Most current edition

12 Grade Verified by: Doug Achterman

BLS for the Healthcare Provider, American Heart Association, Channing and Bete, 2020 or a comparable textbook/material.

ISBN: 978-1-61669-799-0

Rationale: Most current edition

12 Grade Verified by: Doug Achterman

Essentials of Anatomy and Physiology 3rd edition, Tina Sanders and Valerie C. Scanlon, Text and Workbook, 2020 or a comparable textbook/material.

ISBN: 9781260266405

Rationale: Most current textbook

12 Grade Verified by: Doug Achterman

**ARTICULATION and CERTIFICATE INFORMATION**

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 201070

Not Transferable

UC TRANSFER:

Not Transferable

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:

CSU Crosswalk Course Number:

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