



5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: JFT 32 **DIVISION:** 50 **ALSO LISTED AS:**

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

SHORT TITLE: PARAMEDIC INTERNSHIP

LONG TITLE: Paramedic - Internship

| <u>Units</u> | <u>Number of Weeks</u> | <u>Type</u> | <u>Contact Hours/Week</u> | <u>Total Contact Hours</u> |
|--------------|------------------------|---------------------|---------------------------|----------------------------|
| 12 TO 18 | 18 | Lecture: | 0 | 0 |
| | | Lab: | 36 TO 53 | 648 TO 954 |
| | | Other: | 0 | 0 |
| | | Total: | 36 TO 53 | 648 TO 954 |
| | | Total Learning Hrs: | 648 TO 954 | |

COURSE DESCRIPTION:

Application of paramedic knowledge and skills in the clinical setting as an intern responding on a 911 ambulance to ill and injured patients while being instructed and evaluated by a field preceptor. The student will have the task of initiating, providing and directing entire emergency patient care while under the supervision of a preceptor. This ambulance field internship is required for certification as an EMT-Paramedic in California. This course is a pass/no pass course. **PREREQUISITE:** JFT 30, JFT 31 and JFT 17 1. certified basic EMT certificate 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 anatomy, Familiarity with scene size-ups, Knowledge of patient care, Familiarity with trauma patients, Familiarity with documentation techniques, Familiarity with interpersonal communications, Familiarity with the administration of medication, Familiarity with respiratory emergencies, Familiarity with cardiac emergencies, Knowledge of patient transfer.

PREREQUISITES:

- Completion of JFT 30, as UG, with a grade of C or better.
- AND Completion of JFT 31, as UG, with a grade of C or better.
- AND Completion of JFT 17, 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:

1. Demonstrate appropriate assessments and treatment of patients under the supervision of a licensed paramedic.

Measure of assessment: preceptor evaluation, practical application of techniques

Year assessed, or planned year of assessment: 2016

2. Demonstrate the ability to act calm and manage the scene of an emergency under critical situations.

Measure of assessment: preceptor evaluation, practical application of techniques, problem solving

Year assessed, or planned year of assessment: 2016

3. Demonstrate effective written and verbal communication with patients, family members and other health care providers.

Measure of assessment: Written assignments, preceptor evaluation, practical application of techniques

Year assessed, or planned year of assessment: 2016

4. Discuss with the preceptor trauma patient care and treatments with emphasis on surgical options.

Measure of assessment: preceptor evaluation

Year assessed, or planned year of assessment: 2016

5. Demonstrate the ability, under the supervision of a licensed paramedic, to administer medication within the scope of their practice.

Measure of assessment: preceptor evaluation, practical application of techniques

Year assessed, or planned year of assessment: 2016

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

Curriculum Approval Date: 05/08/2017

I. Critical Thinking Decision Process

A. Incorporating information gathered to form an appropriate treatment process

B. Utilizing patient information to develop a working diagnosis

II. Professionalism

A. Appropriate uniform

B. Positive attitude

C. Appropriate language

III. Skill Performance

A. Formula calculations and administration of medications within scope of practice

B. Intravenous lines using aseptic techniques

C. Airway management- BLS and ALS

D. Endotracheal intubation

E. Cardiac monitor and defibrillator

F. 12 lead ECG

G. Patient assessments under stressful situations

IV. NREMT Skills

- A. Endotracheal intubation under 30 seconds
- B. Airway suction
- C. Pacing, cardioversion, Intraosseous insertion and spinal immobilization.

V. Interactions with Other Health Care Providers

- A. Roles and responsibilities of other health care providers
- B. EMS system
- C. Continuous Quality Improvement
- D. Improving system and system changes
- E. Improving patient care

VI. Trauma Patient Care

- A. Treatment to critically injured
 - B. Load and go patients
 - C. Rapid trauma assessment
 - D. Patients needing surgical intervention
- #### VII. Attitude and Behaviors of Healthcare Providers

- A. Discussing sensitive history with patients
- B. Compassion
- C. Patient confidentiality
- D. Respect

VIII. Pre-hospital Care Environment

- A. Roles and responsibilities
- B. Personal wellness
- C. Injury prevention activities
- D. Legal Issues
- E. Ethics and decision making
- F. Assessment and management of emergency patients
- G. Field impression
- H. Pharmacologic management plan

IX. Effective Communication While Providing Care

- A. Physiological, psychological and social changes throughout human development with assessment and communication strategies for patients of all ages.
- B. Formulating patient information for transfer
- C. Accurate radio report to notify of the arrival of a patient
- D. Documenting information collected during patient care

X. Trauma Patient

- A. Pathophysiological significance of traumatic injuries
- B. Principles of kinematics
- C. Recognition and treatment plan

XI. Medical Patient

- A. Anatomy and physiology review of organ system
- B. Recognition and treatment plan

XII. Patient with Special Needs Treatment Plan

- A. Neonatal patient
- B. Pediatric patient
- C. Geriatric patient
- D. Patient who sustained abuse or assault
- E. Diverse patients who face physical, mental, social and financial challenges

XIII. Scene management

- A. Safe and effective ground and air medical transport
- B. Multiple casualty incident management techniques
- C. Rescue awareness from water, hazardous atmospheres, trenches, highways and hazardous terrain
- D. Safe operation at crime scenes and other emergencies

XIV. Recognizing and Utilizing Information from the Patient's ECG to Treat the Patient

- A. Techniques for applying ECG leads
- B. Transmitting ECG
- C. Utilizing the information gather to develop a proper treatment modality

METHODS OF INSTRUCTION:

Students will function and perform on the job duties, under the supervision of a mentor. Goals must be successfully accomplished within the context of the learning environment. Clinical experiences should occur after the student has demonstrated competence in skills and knowledge in the didactic and laboratory components of the course. If the program is unable to achieve the essentials or recommended components on live patients, alternative learning experiences (simulations, programmed patient scenarios, etc) can be developed. If alternatives to live patient contact are used, the program should increase the number of times the skill must be performed to demonstrate competence.

OUT OF CLASS ASSIGNMENTS:

Written Assignments:

Students will fill out pre-hospital patient care report forms.

Students will document Field Internship progress on a weekly basis.

Reading Assignment:

Review anatomy and physiology in Essentials of Anatomy and Physiology.

METHODS OF EVALUATION:

Writing assignments

Percent of total grade: 0.00 %

If this is a degree applicable course, but substantial writing assignments are NOT appropriate, indicate reason: Course primarily involves skill demonstration or problem solving

Problem-solving assignments

Percent of total grade: 45.00 %

Percent range of total grade: 45 % to 90 % Field Work; Lab Reports; Quizzes

Skill demonstrations

Percent of total grade: 75.00 %

Percent range of total grade: 75 % to 90 % Class Performance/s; Field Work; Performance Exams

Objective examinations

Percent of total grade: 25.00 %

REPRESENTATIVE TEXTBOOKS:

American Heart Association. Advanced Cardiac Life Support (ACLS) Provider Manual. Channing 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. Elsevier/Mosby,2011.
or other appropriate college level text
Reading Level of Text, Grade: 12 Verified by: Doug Achterman

Henry B. Geiter Jr.. EZ ECG Rhythm Interpretation. 2003.
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: 32

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: CCC000523605

Sports/Physical Education Course: N

Taxonomy of Program: 125100