Bakersfield College
# Course Outline of Record Report
**01/25/2021**

## NURSB90NC : Practical Vaccine Administration and Injection Training

### General Information

| | |
|---|---|
| Author (s): | • Alisha Loken<br>• Zoller, Christian<br>• Daramola, Charles |
| Attachments: | NURS B90NC Assessment Mapping Form.docx |
| Course Code (CB01) : | NURSB90NC |
| Course Title (CB02) : | Practical Vaccine Administration and Injection Training |
| Department: | Registered Nursing |
| Proposal Start: | Spring 2021 |
| TOP Code (CB03) : | (1201.00) Health Occupations, General |
| CIP Code: | (51.0000) Health Services/Allied Health/Health Sciences, General |
| SAM Priority Code (CB09) : | Clearly Occupational |
| Distance Education Approved: | No |
| Course Control Number (CB00) : | No value |
| Curriculum Committee Approval Date: | Pending |
| Board of Trustees Approval Date: | Pending |
| External Review Approval Date: | Pending |
| Course Description: | This is a 9 hour course designed for students with a background in allied health and the medical sciences who are interested in learning and practicing correct technique to safely administer intramuscular, subcutaneous and intradermal injections and vaccines. This course will also benefit community members who, under the care of a physician, administer prescribed medications, via injection, to themselves or family members. This course will include 7 hours of theory and 2 hours of hands-on lab experience. |
| Submission Rationale: | New Course |
| | This course was developed with the intent to meet the immediate need for trained medical personnel who can safely administer the COVID vaccine. We will teach general vaccine admin and also subcutaneous and intradermal injection so that the course will remain relevant after the current pandemic ends. |
| Coordinators: | No value |

### Minimum Qualifications

| | |
|---|---|
| Discipline requiring a Master's Degree: | • No Master's Degree required |
| Disciplines in which a Master's Degree is not usually available: | • Dental Technology (Dental assisting, dental hygiene)<br>• Health Care Ancillaries (Medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy)<br>• Licensed Vocational<br>• Nursing<br>• Nursing Science/ Clinical Practice |

| **Disciplines in which a Master's Degree is not generally available BUT which requires a specific Bachelor's or Associate Degree:** | <ul><li>Dental Technology (Dental assisting, dental hygiene)</li><li>Health Care Ancillaries (Medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, massage therapy)</li><li>Licensed Vocational</li><li>Nursing</li><li>Nursing Science/ Clinical Practice</li></ul> |
|---|---|

## Course Development Options

**Course Basic Skill Status (CB08)**

Course is not a basic skills course.

☐ Allow Students to Gain Credit by Exam/Challenge

**Rationale For Credit By Exam/Challenge**

No value

**Course Support Course Status (CB26)**

Course is not a support course

**Course Special Class Status (CB13)**

Course is not a special class.

**Allowed Number of Retakes**

99

**Retake Policy Description**

This is a noncredit course. Student can re-enroll as many times as necessary to achieve satisfactory progress.

**Grade Options**

- Other: Ungraded

**Course Prior to College Level (CB21)**

No value

☐ Allow Students To Audit Course

## Associated Programs

☐ Course is part of a program (CB24)

**Associated Program**

No value

**Award Type**

No value

**Active**

## Transferability & Gen. Ed. Options

**Course General Education Status (CB25)**

Y

**Transferability**

Not transferable

**Transferability Status**

Not transferable

## Units and Hours

### Summary

| **Minimum Credit Units (CB07)** | - | **Total Course In-Class (Contact) Hours** | 9 | **Total Student Learning Hours** | 9 |
|---|---|---|---|---|---|
| **Maximum Credit Units (CB06)** | - | | | | |

| | | |
|---|---|---|
| **Total Course Out-of-Class Hours** | - | |

## Credit / Non-Credit Options

| **Course Credit Status (CB04)** | **Course Non-Credit Category (CB22)** | **Non-Credit Characteristics** |
|---|---|---|
| Non-Credit | Workforce Preparation. | No Value |

| **Course Classification Code (CB11)** | **Funding Agency Category (CB23)** | ☐ Cooperative Work Experience Education Status (CB10) |
|---|---|---|
| Non-Enhanced Funding. | Not Applicable. | |
| ☐ Variable Credit Course | | |

## Weekly Student Hours

| | In Class | Out of Classs |
|---|---|---|
| Lecture Hours | 7 | - |
| Laboratory Hours | 2 | - |
| Activity Hours | - | - |

## Course Student Hours

| | |
|---|---|
| **Course Duration (Weeks)** | 18 |
| **Hours per unit divisor** | 54 |
| **Course In-Class (Contact) Hours** | |
| Lecture | 7 |
| Laboratory | 2 |
| Activity | - |
| **Total** | 9 |
| **Course Out-of-Class Hours** | |
| Lecture | - |
| Laboratory | - |
| Activity | - |
| **Total** | - |

## Units and Hours - Weekly Specialty Hours

| Activity Name | Type | In Class | Out of Class |
|---|---|---|---|
| No Value | No Value | No Value | No Value |

## Units and Hours: Profile Name

### Summary

| **Minimum Credit Units (CB07)** | - | **Total Course In-Class (Contact) Hours** | - | **Total Student Learning Hours** | - |
|---|---|---|---|---|---|
| **Maximum Credit Units (CB06)** | - | **Total Course Out-of-Class Hours** | - | **Faculty Load** | - |

## Detail

**Weekly Student Hours**

**Course Student Hours**

| | In Class | Out of Classs |
|---|---|---|
| Lecture Hours | - | - |
| Laboratory Hours | - | - |
| Activity Hours | - | - |

| | |
|---|---|
| **Course Duration (Weeks)** | 18 |
| **Hours per unit divisor** | 54 |
| **Course In-Class (Contact) Hours** | |
| Lecture | - |
| Laboratory | - |
| Activity | - |
| **Total** | - |
| **Course Out-of-Class Hours** | |
| Lecture | - |
| Laboratory | - |
| Activity | - |
| **Total** | - |

**Time Commitment Notes for Students**

No Value

**Faculty Load**

**Extra Duty:** -                                **Faculty Load:** -

## Units and Hours: Profile Name - Weekly Specialty Hours

| Activity Name | Type | In Class | Out of Class |
|---|---|---|---|
| No Value | No Value | No Value | No Value |

## Requisites

No Value

## Limitations on Enrollment

| Limitation | Provide Rationale |
|---|---|
| No value | No value |

## Specifications

### Methods of Instruction

| | |
|---|---|
| **Method of Instruction** | Lecture |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Internet Research |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Lecture / Discussion |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Skills Demonstrations |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Class Activities |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Audiovisual Presentations |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Skills Development and Performance |
| **Rationale** | No value |

| | |
|---|---|
| **Method of Instruction** | Required Reading |
| **Rationale** | No value |

### Assignments

Classroom assignments and activities. Skills demonstration.

| **Methods of Evaluation** | **Methods of Evaluation Rationale** |
|---|---|
| Homework | No value |

| | |
|---|---|
| Skills Demonstration (in class) | No value |
| Content Mastery Assessment | No value |
| Objective Exams (may include Multiple choice, Matching items, True/false, Essay) | No value |

## Equipment

Students must have access to the internet.

## Textbooks

| Author | Title | Publisher | Date | ISBN |
|---|---|---|---|---|
| No Value | No Value | No Value | No Value | No Value |

## Other Instructional Materials

No Value

## Materials Fee

None

# Learning Outcomes and Objectives

## Course Objectives

1. The student will explore laws and regulations, including emergency waivers, that govern scope of practice for allied health and medical professionals to determine legality of administration of intramuscular, subcutaneous and intradermal injections and vaccines.

2. The student will describe the different types of vaccines and indications for their uses.

3. The student will identify valid contraindications for commonly used vaccines.

4. The student will discuss common myths about vaccines and use reputable resources to develop a fact based counter argument.

5. The student will identity equipment needed to safely administer intramuscular, subcutaneous and intradermal injections.

6. The student will describe recommended practices for administration of intramuscular, subcutaneous and intradermal injections.

7. The student will identify potential safety concerns related to administration of intramuscular, subcutaneous and intradermal injections and vaccines.

8. The student will demonstrate aseptic technique for intramuscular, subcutaneous and intradermal injections.

9. The student will demonstrate how to safely dispose of used sharps and syringes.

10. The student will demonstrate how to document vaccine and injection administration.

11. The student will describe interventions to address common adverse events associated with vaccine administration.

**CSLOs**

**1. Upon successful completion of the course, the student will be able to evaluate the laws and regulations, including emergency waivers, that govern scope of practice for allied health and medical professionals to determine legality of administration of intramuscular, subcutaneous and intradermal injections and vaccines.**
Expected SLO Performance: -

**2. Upon successful completion of the course, the student will be able to provide factual information from reliable peer reviewed sources about the safety and efficacy of vaccines.**
Expected SLO Performance: -

**3. Upon successful completion of the course, the student will be able to safely administer intramuscular, subcutaneous and intradermal injections and vaccines.**
Expected SLO Performance: -

**4. Upon successful completion of the course, the student will be able to describe documentation for vaccine administration and reporting procedures for adverse events associated with vaccines.**
Expected SLO Performance: -

**5. Upon successful completion of the course, the student will be able to locate resources on current immunization administration practice.**
Expected SLO Performance: -

# Outline

**Course Outline**

Module1-Introduction (10%)
      Introduction to course
Module 2-Legal concerns (15%)
      Laws and regulations related to vaccine administration and intramuscular, subcutaneous and intradermal injection
Module 3-Vaccines (30%)
      Types of vaccines
      Vaccine safety
      Contraindications
      Vaccine myths and how to counter them
Module 4-Injection training (30%)
      Types of injections-intramuscular, subcutaneous and intradermal
      Recognize the recommended routes and sites for vaccine administration
      Equipment overview
      Safety and asepsis
      Injection administration technique
      Disposing of syringes and needles

Module 5-Documentation and reporting (15%)
  Documentation required following vaccine administration
  Managing adverse effects
  Reporting adverse reactions

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**Lab Outline**

Module 6-Hands-on Practice With Equipment
  Equipment overview (20%)
  Safety and asepsis-gloving, cleaning site, maintaining asepsis (20%)
  Injection administration technique (20%)
  Disposing of syringes and needles (20%)
  Documentation (20%)

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## Distance Education Criteria and Standards_3.1

**Please choose all of the delivery methods applicable to this course.**

- Face to Face
- Hybrid (requires face to face meetings)
- Interactive (Scheduled, synchronous distance modality)

**Rigor statement: The same standards of course quality shall be applied to distance education as are applied to traditional classroom courses in regard to the course quality judgments made pursuant to the requirements of Section 55002. The same expectations applies to any local course quality determination or review process.**

- Methods of evaluation and out of class assignments are the same as for a face to face course.

**If the methods of evaluation differ from a face to face courses, please indicate what the differences are and why they are being used.**

No Value

**If the face to face course has a lab, field trip, or site visit explain how these components will be performed in the online course. Be sure to identify how the lab component will differ from a homework assignment.**

With an online lab, the students could watch demonstrations and record themselves doing return demonstrations and receive feedback on technique.

**All approved courses offered as distance education shall include regular, effective contact between instructor and students. Effective methods are expected to be utilized by all instructors teaching the course but are not limited to the choices below. Choose the methods demonstrating effective INSTRUCTOR/STUDENT contact for this course. (Choose all that apply)**

- Discussion Forum
- Email and other online Messaging
- Face to face meetings (group or individual)
- Interactive Video
- Instant messaging/text
- Class Announcements
- Review Sessions
- Telephone Contact
- Interactive Applications / Software

- Archived Video/ Lecture Recordings
- Assignment Feedback

**All approved courses offered as distance education shall include regular, effective contact between instructor and students. Effective methods are expected to be utilized by all instructors teaching the course but are not limited to the choices below. Choose the methods demonstrating effective STUDENT/STUDENT contact for this course. (Choose all that apply)**

- Discussion Forum
- Email other online messaging
- Online Group Work
- Interactive Video
- Instant messaging/text
- Message Board
- Review Sessions
- Supplemental Seminar or Study Session
- Telephone Contact
- Interactive Applications / Software

**All approved courses offered as distance education shall include regular, effective contact between instructor and students. Effective methods are expected to be utilized by all instructors teaching the course but are not limited to the choices below. Choose the methods demonstrating effective STUDENT/CONTENT contact for this course. (Choose all that apply)**

- Discussion Forum
- Interactive Video
- Library Workshop
- Message Board
- Supplemental Seminar or Study Session
- Archived Video / Recorded Lectures

**Purely because of the delivery mode, will you require additional software or hardware beyond basic computer and web browser capabilities?**

No

**Federal and state regulations require that all online course materials be made available in an accessible electronic format. By checking both boxes below, the instructor is ensuring compliance with Section 508 of the Rehabilitation Act.**

- Instructor will ensure the course is 508 compliant using the Course Management System and other tools as needed.

**A good practice is that section size should be no greater in distance education modes than in regular face to face versions of the course. Will the online section for this course differ from face to face sections?**

- No

**If the online section of the course will differ in size from face to face sections, please provide a rationale for the size difference.**

No Value

**Provide supplemental information for all OTHER options chosen in the sections above.**

No Value