

# MLTS 161-001-PHLEBOTOMY PRACTICE 2 CREDITS

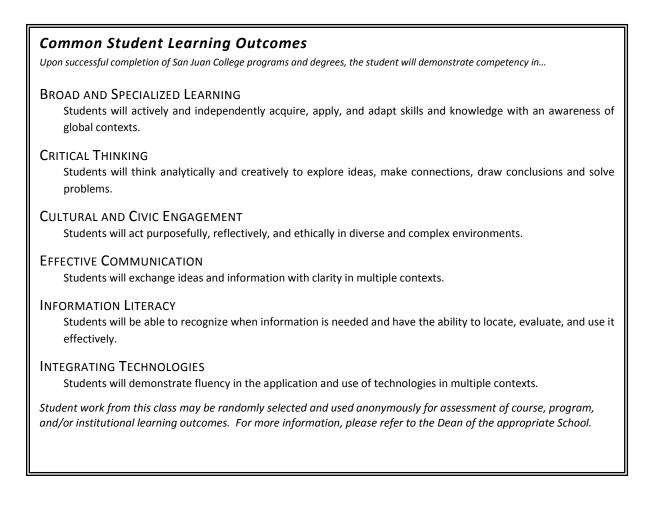
# **SYLLABUS**

## CATALOG DESCRIPTION

Practical application of blood specimen collection and processing. 100 clock hours of supervised applied experience with a minimum of 100 documented blood procurements. High School Graduation or Equivalent and completion of MLTS 160 with a minimum grade of C and satisfactory attendance.

Prerequisites: High School Diploma or equivalent and must be 18 years of age and satisfactory completion of MLTS 160 and a passing grade of 70% on the final comprehensive exam.

Semester Offered: Fall and Spring



### **Course Learning Outcomes**

Upon successful completion of the course, the student will be able to ...

- 1. Select appropriate equipment and supplies for blood collection for a variety of patient types including adults, children, newborns, geriatrics, mastectomy patients, burn patients, and patients with intravenous fluid lines.
- 2. Instruct the patient appropriately for each type of specimen collection.
- 3. Evaluate patient readiness and compliance for quality specimen collection.
- 4. Prepare and organize equipment and supplies prior to performing phlebotomy.
- 5. Follow protocol for proper patient identification.
- 6. Label, transport and handle specimens according to protocol.
- 7. Perform blood collection satisfactorily following accepted protocol.
- 8. Apply troubleshooting techniques when there is difficulty or failure to collect a blood specimen.
- 9. Utilizes good venipuncture technique to minimize technical problems of hematoma, hemoconcentration, and hemolysis.
- 10. Evaluate specimens and determine the integrity and appropriateness for testing.
- 11. Prepare peripheral blood smears that are appropriate for testing using standard procedure.
- 12. Demonstrate proper disposal of contaminated equipment, supplies and discard specimens.
- 13. Demonstrate proper quality assurance practice to phlebotomy and related services using established standards.
- 14. Demonstrate effective communication in providing patients with instructions.
- 15. Demonstrate a professional appearance and demeanor when on duty.
- 16. Maintain patient confidentiality.
- 17. Responds to a health care provider orders for laboratory work appropriately.
- 18. Effectively utilizes the laboratory computer system for workflow as deemed by protocol.
- 19. Performs all the necessary quality assurance documentation as described by protocol for the phlebotomy department.
- 20. Informs appropriate supervisor if situations occur that fall outside the limits defined for being acceptable.

#### **Affective Domain**

After demonstration and practice the student will:

- 1. Respect laboratory equipment as demonstrated by proper use, request for additional instruction when necessary, and proper storage.
- 2. Respect diversity in the workplace by working in a collegial manner with coworkers.
- 3. Model a professional demeanor by having an appropriate appearance, maintaining confidentiality, and following written and verbal instructions.