



# MLTS 161 Phlebotomy Practice

2 CREDITS

## SYLLABUS

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### 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:** Spring, Summer, Fall

#### **Common Student Learning Outcomes**

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

### **SPECIFIC PSYCHOMOTOR OBJECTIVES**

After demonstration and practice 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.