



**Course Prefix/Number/Title:** AH266 /17713/Laboratory and Diagnostic Tests

**Number of Credits:** 2

**Course Description:** This course provides up-to-date information on clinically relevant laboratory and diagnostic tests, including indications for the test, normal and abnormal values, contraindications, complications, and procedural and client cares.

**Pre-/Co-requisites:** AH 134 Medical Disorders  
AH 171 Medical Terminology

**Course Objectives:** To facilitate student learning of laboratory and diagnostic tests. After completion of this course, the student will be able to:

- Explain commonly performed laboratory methods, standard precautions, and test sequencing.
- Explain procedural and patient care before, during and after testing.
- Recognize normal and abnormal values of laboratory and diagnostic tests.
- Differentiate commonly performed diagnostic tests.

**Instructor:** Susan E. Indvik MSN, RN

**Office:** Online

**Office Hours:** Online

**Phone:** (701)777-4548

**Email:** [susan.e.indvik@ndus.edu](mailto:susan.e.indvik@ndus.edu)

**Lecture/Lab Schedule:** Asynchronous- online course

Textbook(s): Pagana & Pagana, *Mosby's Manual of Diagnostic and Laboratory Tests 6th Ed.* (2014) ISBN: 978-0-323-08949-4

**Course Requirements:**

- The Student is expected to post a note in the "Introduction" forum when they sign onto the course.
- Student is expected to have read the assigned chapters for the week, as well as, review any other included links.
- Student is responsible for checking their email and the course forums on a regular basis and will be responsible for the contents.

**Tentative Course Outline:** Schedule subject to change

**Week 1:** Chapter 1&2

**Week 2:** Chapter 2

**Week 3:** Chapter 2

**Week 4:** Chapter 2

**Week 5:** Chapter 2

**Week 6:** Chapter 2 Test Chapter 1 & 2

**Week 7:** Chapter 5 & 9

**Week 8:** Chapter 7

**Week 9:** Chapter 11; Test Chapter 5, 7, 9, & 11

**Week 10:** Chapter 4

**Week 11:** Chapter 6

**Week 12:** Chapter 10; Test Chapter 4, 6, & 10

**Week 13:** Chapter 3

**Week 14:** Chapter 8

**Week 15:** Chapter 12; Test Chapter 3, 8, & 12

**Week 16:** Chapter 13; Final project

**General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s):**

1. Employ industry-specific skills in preparation for workplace readiness
2. Combine general education and vocational skills curriculum

**Relationship to Campus Focus:**

Explains the relationship between humans and our environment and the role of science in our lives in nature. Demonstrates knowledge and application of technology in the medical field. Relates to the ever changing technology in the healthcare arena

**Classroom Policies:**

- All students have 16 weeks to complete the course.
- Each student is responsible to keep track of his/her progress through the course.
- Completion of assignments is mandatory. All assignments must be submitted by the listed due date or a grade of zero will be given for the uncompleted assignment(s).
- There will be four exams, each worth 100 points, throughout the semester. Exams will be taken in the week assigned. All exams are timed. You are not allowed to “preview” an exam.
- Exams are to be closed book, closed notes, and closed neighbor.
- Passwords for exam access or proctors are not required.

- The instructor reserves the right to post additional assignments if deemed necessary for learning.
- The “final” is a presentation/project worth 300 points and will be graded according to the provided rubric.

**Student Email Policy:**

Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student’s campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

**Academic Integrity:**

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

**Disabilities or Special Needs:**

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

**Title IX:**

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College’s Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.