

## Dakota College at Bottineau Online Course Syllabus

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

**Number of credits:** 2 credits

### **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 171 Medical Terminology & AH 134 Medical Disorders

### **Course Objectives:**

#### Goal:

To facilitate student learning of laboratory and diagnostic tests.

#### Objectives:

After completion of this course, the student will be able to:

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

**Instructor:** Erin Williams, BSN, RN

**Office:** Thatcher Hall Room 207

**Office Hours:** online

**Phone:** 701-228-5444

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

### **Textbook(s):**

Pagana & Pagana, Mosby's Manual of Diagnostic and Laboratory Tests 5th 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.

### Course Evaluation:

Grades are based on a standard college curve where students earn a grade based upon the total number of points received for the course.

Final letter grades are based on the following criteria:

- A= 89.5-100%
- B= 79.5-89.4%
- C= 69.5- 79.4%
- D= 59.5-69.4%
- F= 0-59.4%

### 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

### Relationship to campus theme:

#### Nature

Explains the relationship between humans and our environment and the role of science in our lives

#### Technology

Demonstrates knowledge and application of technology in the medical field

#### And Beyond

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:**

All students are expected to adhere to the highest standards of academic integrity. Dishonesty in the classroom and with assignments and exams is a serious offense and is subject to disciplinary action by the instructor and college administration. For more information, refer to the Dakota College at Bottineau Student Handbook.

### **Disabilities and Special Needs:**

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact your instructor and/or the Student Success Center. The Student Success Center provides a variety of academic support services for eligible students with disabilities.

### **Title IX:**

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and the college. If you have experienced any form of gender or sex-based discrimination or harassment, including non-consensual sexual intercourse, sexual harassment, relationship violence, or stalking, know that help and support are available.

DCB has staff members trained to support survivors in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. The College strongly encourages all students to report any such incidents to the College Title IX Coordinator, Laura Halvorson.

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 you tell 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. If you wish to speak to a confidential employee who does not have this reporting responsibility, you can find a list of resources on the Title IX website. [www.dakotacollege.edu/student-life/safety/title-ix](http://www.dakotacollege.edu/student-life/safety/title-ix)