# 8/14/2020

# brcc keystone logo

Baton Rouge Community College

*Academic Affairs Master Syllabus*

Date Approved: 28 August 2020

Term and Year of Implementation: Fall 2020

**Course Title:** Clinical Pathology II

**BRCC Course Rubric:** VTEC 2352

**Previous Course Rubric**: VTEC 235

**Lecture Hours per week-Lab Hours per week-Credit Hours**: 1-3-2

**Per semester: Lecture Hours-Lab Hours-Instructional Contact Hours**: 15-45-60

**Louisiana Common Course Number:**

**CIP Code:** 01.8301

**Course Description:** Introduces the veterinary technician student to clinical chemistry, cytology, immunology and endocrine testing of clinical animal samples. This course is cumulative in nature, as students will incorporate previously learned procedures from Clinical Pathology (VTEC 1353 or VTEC 135) and Laboratory (VTEC 1351 or VTEC 135L) to these new assays. This course requires a lab fee.

**Prerequisites:** VTEC 1353 (or VTEC 135), VTEC 1351 (or VTEC 135L), VTEC 1613 (or VTEC 161), VTEC 1711 (or VTEC 171), and VTEC 1872 (or VTEC 187), all with grade “C” or better

**Co-requisites:** None

**Suggested Enrollment Cap:** 30

**Learning Outcomes.** *Upon successful completion of this course, the students will be able to:*

1. Identify the clinical significance of various diagnostic laboratory assays used in clinical chemistry testing, cytology exams, immunology testing, and endocrine testing.

2. Demonstrate proper techniques in performing various clinical pathology tests such as hematology tests, total urinalysis, parasite testing, bacterial culture, and antibiotic sensitivity testing.

**Assessment Measures.** Assessment of all learning outcomes will be measured using the following methods:

1. Learning outcomes will be assessed by administering periodic quizzes and exams during the semester and a comprehensive final exam at the end of the semester.

2. Instructor-designed assignments will assess the learning outcomes and will be given as a portion of the total grade. Assignments may include written and oral assignments, homework assignments, and a case study portfolio; all assignments will be graded using an instructor-designed rubric.

**Information to be included on the Instructor’s Course Syllabi:**

* ***Disability Statement*:** Baton Rouge Community College seeks to meet the needs of its students in many ways. See the Office of Disability Services to receive suggestions for disability statements that should be included in each syllabus.
* ***Grading:*** The College grading policy should be included in the course syllabus. Any special practices should also go here. This should include the instructor’s and/or the department’s policy for make-up work. For example in a speech course, “Speeches not given on due date will receive no grade higher than a sixty” or “Make-up work will not be accepted after the last day of class”.
* ***Attendance Policy*:** Include the overall attendance policy of the college. Instructors may want to add additional information in individual syllabi to meet the needs of their courses.
* ***General Policies*:** Instructors’ policy on the use of things such as beepers and cell phones and/or hand held programmable calculators should be covered in this section.
* ***Cheating and Plagiarism*:** This must be included in all syllabi and should include the penalties for incidents in a given class. Students should have a clear idea of what constitutes cheating in a given course.
* ***Safety Concerns:*** In some courses, this may be a major issue. For example, “No student will be allowed in the lab without safety glasses”. General statements such as, “Items that may be harmful to one’s self or others should not be brought to class”.
* ***Library/ Learning Resources:*** Since the development of the total person is part of our mission, assignments in the library and/or the Learning Resources Center should be included to assist students in enhancing skills and in using resources. Students should be encouraged to use the library for reading enjoyment as part of lifelong learning.

**Expanded Course Outline:**

I. Clinical chemistry tests

a. Enzymes

b. Other proteins

c. electrolytes

II. Cytology exams

a. Complete Blood Counts

b. Ear cytologies

c. Vaginal cytologies

d. Parasitology

e. Bacterial culture

III. Immunology tests

a. Feline Leukemia Virus (FeLV)

b. Feline Immunodeficiency Virus (FIV)

IV. Endocrinology tests

a. Canine reproductive hormones

b. Feline reproductive hormones

V. Case study portfolios