A. COURSE INFORMATION

Course number/section: BIMS 4371.001
Class meeting time: M 5:30-7:20pm
Class location: CS 108
Course Website: https://bb9.tamucc.edu/

B. INSTRUCTOR INFORMATION

Instructor: Tricia Rhoads, MS, MLS (ASCP), SM
Office location: N/A
Office hours: 15 min before and after class or by appointment
Telephone: 361-437-9884
E-mail: champagne1@rocketmail.com
Appointments: Contact me at the above phone number, by email, or after class to make an appointment.

C. COURSE DESCRIPTION

Catalog Course Description
The focus of this course will be lecture and laboratory studies of parasitic, viral, acid fast bacilli, and mycological human pathogens. The emphasis will be on methods of isolation from body fluids, identification methods and correlation with pathology. Prerequisite: BIOL 2421. SMTE 0092 Biomedical Laboratory Safety Seminar is a co-requisite for this course. Documented completion of this safety training is required early in the semester for continued participation in this course. Safety training given during a laboratory meeting early in the semester is required for continued participation in this course.

Extended Course Description
This course will allow the student to have working tools in clinical parasitology and medical mycology. Parasite/host relationships and their effects, descriptions of life cycles of parasites, microscopic examination and preservation of specimens are stressed. General classification and characteristics of pathogenic fungi are presented.

D. PREREQUISITES AND COREQUISITES

Prerequisites
Prerequisite: BIOL 2421. SMTE 0092 Biomedical Laboratory Safety Seminar is a co-requisite for this course. Documented completion of this safety training is required early in the semester for continued participation in this course. Safety training given during a laboratory meeting early in the semester is required for continued participation in this course.
E. REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES

Required Textbook(s)
Clinical Parasitology, A Practical Approach, 2nd Edition
Author: Elizabeth A. Zeibig

Supplies
None

F. STUDENT LEARNING OUTCOMES AND ASSESSMENT

By the end of this course, students should be able to:
1. The procedures for the recovery of parasites, AFB, and fungi
2. The type of culture media, and the reagents used in the identification of parasites, AFB, and fungi of medical importance.
3. The life cycles of the parasites, AFB, and fungi of medical importance.
4. The pathological significance of human parasites, AFB, and fungi.
5. The distinguishing characteristics of parasites, AFB, and fungi.
6. Know common characteristics of Clinical Virology

G. INSTRUCTIONAL METHODS AND ACTIVITIES

PowerPoint lectures, case studies, and laboratory assignments will be used for instruction.

H. MAJOR COURSE REQUIREMENTS AND GRADING

The final grade will be based on the points scored on a comprehensive final examination, four term examinations, and graded laboratory and class evaluations.

| Exam 1, 2, 3, 4 | 75% |
| Laboratory     | 25% |

Unscheduled quizzes may be given during lecture and lab sessions and a zero will be given for a missed quiz.

All tests will be multiple choice and fill in the blank. All examination questions are keyed to the lecture and laboratory objectives. Examinations may be taken only during the scheduled time. Documented proof of emergencies is required.

I. COURSE CONTENT/SCHEDULE

<table>
<thead>
<tr>
<th>DATE</th>
<th>Lecture (Monday 5:30 –7:20)</th>
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<tbody>
<tr>
<td>January 23</td>
<td>Specimen Collection and Processing</td>
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<td>The Amebas</td>
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<tr>
<td>January 30</td>
<td>Flagellates and Hemoflagellates</td>
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<tr>
<td>February 6</td>
<td>Plasmodium and Babesia</td>
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</tbody>
</table>
February 13  | Exam 1
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February 20 | Nematodes and Filariae
February 27 | Cestodes and Trematodes
March 6 | Arthropods and Artifacts
**March 13** | **Spring Break**
March 20 | Yeast/Mold
**March 27** | **Exam 2**
April 3 | Mold/Nocardia/AFB
April 10 | AFB
**April 17** | **Exam 3**
April 24 | Clinical Virology
May 1 | Clinical Virology
**May** | **Final Exam**

Note: Changes in this course schedule may be necessary and will be announced to the class by the Instructor. The assignments and exams shown are directly related to the Student Learning Outcomes described in Section F.

**J. COURSE POLICIES**

**Attendance/Tardiness**
Attendance is expected and is included in the grading policy.

**Late Work and Make-up Exams**
No late work will be accepted and no exams made up without an excuse.

**Extra Credit**
No extra credit is offered.

**Cell Phone Use**
Cell phones will be turned off during class and laboratory meetings.

**Laptop Use**
Laptops are not required but can be used during class and lab meetings.

**Food in Class**
No eating in the classroom or laboratory.

**Missed Exam**
Any missed exams must be discussed with the instructor and a different exam may be given to the student.

**Participation**
Participation is encouraged in the classroom and mandatory in the laboratory.
Others
Professionalism is practiced in the CLS program as students will be entering a professional environment in their clinical practicums and their careers.

K. COLLEGE AND UNIVERSITY POLICIES

- **Academic Integrity (University)**
  University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a failing grade.

- **Classroom/Professional Behavior**
  Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

- **Statement of Civility**
  Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

- **Deadline for Dropping a Course with a Grade of W (University)**
  The grade of W will be assigned to any student officially dropping a course. Please consult with the instructor before you decide to drop to be sure it is the best thing to do. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. Should dropping the course be the best course of action, visit the Office of the University Registrar for the Course Drop Form that must submitted. No student is eligible to receive a W without completing the official drop process by this deadline. Please consult the Academic Calendar (http://www.tamucc.edu/academics/calendar/) for the last day to drop a course.

- **Grade Appeals (College of Science and Engineering)**
As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and Engineering Grade Appeals webpage at http://sci.tamucc.edu/students/GradeAppeal.html. For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

- **Disability Services**
  The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call (361) 825-5816 or visit Disability Services in Corpus Christi Hall 116.

  If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816. http://disabilityservices.tamucc.edu/

- **Statement of Academic Continuity**
  In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

**GENERAL DISCLAIMER**

I reserve the right to modify the information, schedule, assignments, deadlines, and course policies in this syllabus if and when necessary. I will announce such changes in a timely manner during regularly scheduled lecture periods.