A. **COURSE INFORMATION**

   - **Course number/section:** BIMS_4200_001
   - **Class meeting time:** TR-4:00-6:25 PM
   - **Class location:** CS-112
   - **Course Website:** https://bb9.tamucc.edu/

B. **INSTRUCTOR INFORMATION**

   - **Instructor:** Dr. Felix Omoruyi
   - **Office location:** Center for Sciences 130B
   - **Office hours:** MW – 12:00 - 2:00 PM; R – 12:00 – 1:00 PM
   - **Telephone:** 361-825-2473
   - **E-mail:** felix.omoruyi@tamucc.edu
   - **Appointments:** N/A

C. **COURSE DESCRIPTION**

   This course studies the role of the medical laboratory professional in the health care system. The course includes professional ethics, legal responsibility, medical laboratory management, instructional methods and evaluation of clinical laboratory methods, medical laboratory instrument selection, critical pathways and current professional topics.

D. **PREREQUISITES AND COREQUISITES**

   Requires Instructor Approval

   **Corequisites**
   None

E. **REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES**


   **Supplies**
   You will need a scientific calculator.
F. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Assessment is a process used by instructors to help improve learning. Assessment is essential for effective learning because it provides feedback to both students and instructors. A critical step in this process is making clear the course’s student learning outcomes that describe what students are expected to learn to be successful in the course. The student learning outcomes for this course are listed below. By collecting data and sharing it with students on how well they are accomplishing these learning outcomes students can more efficiently and effectively focus their learning efforts. This information can also help instructors identify challenging areas for students and adjust their teaching approach to facilitate learning.

By the end of this course, students should be able to:

1. Identify their personality profile using the DISC method and learning style using LSI.
2. Discuss educational methods appropriate for classroom presentations.
3. Discuss educational methods appropriate for clinical laboratory instruction.
4. Discuss instructional evaluation methods used in the classroom and the clinical laboratory.
5. Evaluate the instructor in the clinical laboratory using the instructor evaluation sheet.
6. Instruct a student in a laboratory skill using appropriate objectives and instructional methods.
7. Identify the stress carriers in their lives.
8. Participate in stress reduction techniques.
9. Discuss useful methods to improve test taking skills.
10. Research, prepare and present a clinical case for class discussion.
11. Describe the principles of professional dress.
12. Prepare a resume.
13. Discuss job descriptions incorporating responsibilities and qualifications.
14. Evaluate his/her skills for managing people and skills for managing tasks.
15. Identify his/hr own blend of management style.
16. Prepare an agenda for a meeting.
17. Select the best laboratory instrument for a given situation.
18. Describe evidence-based practice in the laboratory.
19. Write a literature review and an introduction to a research project for a given topic.

G. INSTRUCTIONAL METHODS AND ACTIVITIES

You will be provided with lecture notes. Instructional methods will include lecturing with discussion, problem solving and case studies.
H. MAJOR COURSE REQUIREMENTS AND GRADING

The final course grade will be based on four exams, problem portfolio, and a final exam according to the following percentages:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>% of FINAL GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research/Assignment</td>
<td>25</td>
</tr>
<tr>
<td>Exam 1</td>
<td>25</td>
</tr>
<tr>
<td>Exam 2</td>
<td>25</td>
</tr>
<tr>
<td>Final</td>
<td>25</td>
</tr>
</tbody>
</table>

I. COURSE CONTENT/SCHEDULE

The following schedule is subject to change. It is the student’s responsibility to stay abreast of any changes announced in class.

Tuesday, May 29
a. Literature Review/Research Introduction
b. Time Management, Stress Management & Laboratory Safety

Thursday, May 31
a. Management Functions
b. Education and Training

Tuesday, June 05
a. Communications
b. Decision Making and Problem Solving
Exam 1

Thursday, June 07
a. Principles of Leadership

Tuesday, June 12
b. Cost Benefit Analysis

Thursday, June 14
a. Effective Budgeting
b. Ethical Issues in Laboratory Management
Exam 2

Tuesday, June 19
a. Laboratory Information Systems
b. Policy and Procedure Manuals/Quality Management

Thursday, June 21
a. Compliance Issues – Regulations
b. Marketing laboratory Services

Tuesday, June 26
Review
Thursday, June 28  Final

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
Students are expected to attend all lectures. If you know in advance that you will miss an exam due to official University business, you must provide the Professor with official documentation of the absence at least fourteen days prior days prior to missing. It is the student’s responsibility to obtain official documentation in timely fashion. Once the documentation has been verified, the Professor will decide how to handle the absence. In the overwhelming majority of cases, assignments and exams will be turned in or completed prior to the planned, official absence. Exams given outside regularly scheduled times may vary in format and content at the discretion of the faculty member. Absolutely nothing may be turned in late by anyone for any reason.

Late Work and Make-up Exams
There is no provision for making up late work and missed exams.

Extra Credit
There is no provision for extra credit

Cell Phone Use
No use of cell phone during lectures/exams

Laptop Use
Only for assessing lecture notes posted on blackboard

Food in Class
No eating in class

Missed Exam
Unexcused absence during exams will result in a zero for that exam. It is the student’s responsibility to contact me in cases of extreme emergency. The only excused absences are personal illness, immediate family medical emergency, or attending funeral of immediate family.
K. COLLEGE AND UNIVERSITY POLICIES

- **Academic Integrity (University)**
  It is expected that university students will demonstrate a high level of maturity, self-direction, and ability to manage their own affairs. Students are viewed as individuals who possess the qualities of worth, dignity, and the capacity for self-direction in personal behavior. See Full University Policy at http://catalog.tamucc.edu/content.php?catoid=10&navoid=313#Academic_IntegritV

- **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)**
  I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. **Please consult with your academic advisor, the Financial Aid Office, and me, before you decide to drop this course.** Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. 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.
L. OTHER INFORMATION

- **Academic Advising**
  The College of Science & Engineering requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. Meetings are by appointment only; advisors do not take walk-ins. Please call or stop by the Advising Center to check availability and schedule an appointment. The College’s Academic Advising Center is located in Center for Instruction 350 or can be reached at (361) 825-3928.

**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.