General information:
Instructor: Dr. Thomas Chrzanowski
Office: 243 Life Sciences
Phone: 272.2404
Email: Chrz@uta.edu
Office Hours: Monday and Wednesday 8:00-9:00 am
Other reading: You are responsible for reading assigned from sources other than your textbook.
Meeting times: The class meets in LS 101 MWF 9:00 am - 9:50 am

Student Learning Outcomes: The goal of this course is to conduct an in-depth review of cellular structure, function, and regulation.

Prerequisites: Biology 2451 (General Microbiology) or equivalent

Withdrawal Policy: You may drop without penalty with a grade of W prior to 30 October. If you chose to drop the course, you may no longer attend lectures.

Attendance Policy: With the exceptions of exam dates, you are not required to attend lectures; however, you are responsible for all material covered in lecture including changes to the syllabus.

Drop for Non-payment of Tuition: Payment must be received by the term due date of 19 August 2009 or your registration will be cancelled. If your registration is cancelled for non-payment, you may reregister for classes but only if seats are available.

Absence from exams: You are required to be present for announced examinations. Absences will be excused only with written request by a physician, other responsible professional, or with proof of jury duty. If you miss an exam, you will be given an exam score of zero. Exams missed due to excused absence must be taken within one day of your return to class. No other make-up exams will be given.

Americans with Disabilities: The University of Texas at Arlington is committed to both the spirit and letter of federal equal opportunity legislation (Public Law 93112--The Rehabilitation "Act of 1973 as amended; Americans with Disabilities Act - (ADA)). It is your responsibility to inform me of your disability at the beginning of the semester and to provide authorized documentation through designated administrative channels. If you require and accommodation based on disability, I would like to meet with you in my office the first week of class to discuss your special needs.

Evaluation: Your performance will be assessed through three examinations of equal value. Major exams will be held at three times during the semester. Our progress will determine scheduling and exams will be announced at least one-week before the exam date. The following grading scale will be used to determine your grade for the course; A - 90 to 100%, B - <90 but greater than or equal to 80%, C - <80 but greater than or equal to 70%, D - <70 but greater than or equal to 60%, F - less than 60%. The form of examinations may be multiple choice, short essay, long essay, or whatever is best suited to the material and is solely the discretion of the instructor. Degreed students may expect additional assignments. You may not have personal belongings at your desk during an exam. You will not be allowed to take an exam if you do not comply.
Academic Dishonesty: It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.” (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2. Subdivision 3.22).

Bomb Threats: If you are tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/Tests caused by bomb threats. Unannounced alternate classrooms or sites will be available in the event that your classroom is not available.

Recording Devices: The use of electronic devices to record lectures is forbidden without exception.

Smoking, food and drink in the lecture hall: University regulations prohibit smoking, eating, and drinking in lecture halls.

Cell Phones: Ringers must be turned off during class. If your phone rings during class, pick up your belongings and quietly leave the room. Do not return until the next class.

Student Success Programs: The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition and federally funded programs. Students requiring assistance academically, personally or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

Final Review Week: A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances, and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week.

Communication: UT-Arlington has adopted MavMail (e-mail) as an official means of communication with students. You are required to check MavMail regularly. Further information regarding your email account can be found at: http://www.uta.edu/oit/email/

Changes to the syllabus: The following serves only as an outline. Our progress in covering material may warrant changes in this outline.

After Hours Safety Escort: The Sam Mav Escort service provides a service to assist students, faculty, staff and campus visitors to reach their destinations after regular business hours. The hours of service are 7:00 p.m. to 1:00 a.m., Sunday through Saturday. 817-272-3381.
Topics to be covered:

The cell and its organization
  capsules
  flagella and pili
  peptidoglycan
  teichoic acids
  lipopolysaccharide
  membranes
  nucleic acids
  proteins

Synthesis and assembly of the cell components
  fueling and synthesis
  polymerizations
  translocation of assembly components

Growth
  individuals and populations
  kinetics

Regulation