Texas A&M University-Corpus Christi  
Clinical Laboratory Science Program  
BIMS 4182: Clinical Correlations  
Summer Session II, 2011  
CS 108  TR 4:00-5:30 p.m.

Instructor: Dr. Jean Sparks  
Office: CS 130G  
Office Hours: Tuesdays, 2:00 pm - 4:00 pm, Wednesdays, 2:00 - 4:00 pm  
Phone: (361) 825-2359  
E-mail: jeann.sparks@tamucc.edu

COURSE DESCRIPTION:
This course includes informal lectures covering newest developments in laboratory medicine, discussion of patients’ clinical laboratory results, and selection and interpretation of laboratory tests. The course includes continuation of literature review, oral presentation and written report on selected topics.

REQUIRED TEXT: None
Reviews are presented by community clinical laboratory technologist/pathologists. For each disorder or group of closely related disorders, the following will be reviewed:

- patient’s symptoms, history, physical, possible diagnosis and other conditions to be considered
- laboratory tests chosen based on the above information and explanation of the reasoning behind the selection
- information gained from test results and decisions made based on the results
- final diagnosis and discussion of the diagnostics process including the physiology necessary to the explanation

LEARNING OUTCOMES
At the completion of the course, the student will be able to:

- recognize the pattern of laboratory results found in various disease states.
- appreciate the reasoning by which the physician selects tests to be performed in the laboratory
- perform and record laboratory tests on patient specimens for assigned research topic.
- complete a written literature review and an introduction to research on a given topic.
- give an oral presentation of data obtained from assigned research topic.

GRADING SYSTEM:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>50%</td>
</tr>
<tr>
<td>Research</td>
<td>50%</td>
</tr>
<tr>
<td>Group presentations</td>
<td>25%</td>
</tr>
<tr>
<td>Written report</td>
<td>5%</td>
</tr>
</tbody>
</table>

The following scale will be used to report grades:

- A: 90 - 100%
- B: 80 - 89%
- C: 70 - 79%
- D: 60 - 69%
- F: Below 60
GRADE APPEALS
As stated in the Texas A&M University-Corpus Christi University Rules and Procedures (Section B [Academic Program], Pat 13 [Students]: 13.02.99.C2 [Student Grade Appeals] and 13.02.99C2.01 [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 on 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, consult the University Rules and Procedures specified above (accessible through the University Rules and Procedures website at http://www.tamucc.edu/provost/university_rules/index.html). For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.

ACADEMIC HONESTY
The University catalog contains the university statement on academic integrity. It is essential that anyone considering a health career demonstrate honesty and integrity in their academic and professional life. Therefore, cheating will not be tolerated and will result in a failing grade in the course and possible further disciplinary action by the university.

ATTENDANCE
Attendance is required, and if you miss a class, you are expected to know the material covered in class. If you miss a scheduled laboratory, and samples or reagents are not available, a zero will be given for that portion of the grade in the assignment. Other parts of that assignment must be turned in on time for a partial grade. Examinations may only be taken during the scheduled time.

AMERICANS WITH DISABILITIES ACT (ADA)
Texas A&M University-Corpus Christi is committed to providing persons with disabilities an equal opportunity to access campus facilities, resources and programs. The 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 for their disabilities. Support and accommodations are also available for returning veterans who experience cognitive and/or physical access issues in the classroom or on campus. Our Office of Disability Services arranges such support and academic accommodations. To make a request, or for more information, call (361) 825-5816 or visit the office in Driftwood 101. It is important to contact the Office of Disability Services in a timely fashion as it will take time for them to review requests and prepare accommodations and accommodation letters.