

Department.: Allied Health

Course number: MLS 208W

Course title: Immunology for the Medical Laboratory Sciences

Credits: 3

Contact Person: Susan Gregoire

WQ: W

Catalog Copy: MLS 208W - Immunology for the Medical Laboratory Sciences

Second Semester. Three credits. Three hours of lecture. Prerequisite: ENGL 105 or 110 or 111 or 250. Recommended preparation: MT 210 or MCB 229 which may be taken concurrently. Open to students in the following majors: Cytotechnology, Medical Technology, and Diagnostic Genetic Science; others with consent of instructor.

Mechanisms of innate and acquired immunity, antigen-antibody interactions, function of the human immune system in normal and diseased states.

W Criteria : Written report on a disease process or immunological method in the student's laboratory discipline. Four stages involved in the completion of the term paper, each with its own requirements and deadlines. This is to ensure steady progress on the project and evaluate completeness of the work. Acceptance of each stage of the paper will be based upon completeness and adherence to specified guidelines. Work must be independent. 1. Written proposal (about 200 words) should briefly describe the subject of the paper and include the following information: reason the topic was chosen and basic themes to be researched and discussed. 2) Outline of the term paper should indicate progress in researching the subject selected and include: abstract of the intended content of the paper to introduce the material to be discussed, an outline of the contents of the paper with detailed subtopics listed, conclusions that have been reached from the students' reading to this point, a list of references consulted (8-10 sources) to include both books and journals, current and historical articles on the subject, electronic resources, complete bibliographic data. 3) Completed term paper draft should be what the student considers to be the final paper. This paper will be graded and comments and suggestions will be made to improve the content, organization, style and grammar. These comments will help the student to revise the paper and improve the grade as well as to research and write papers in the future. If a student receives a grade of C- or lower, he/she must revise the paper in order to receive a final grade in the course.

4) grading of the term paper: Term papers will be graded according to the following criteria: achievement of objectives stated in the abstract, content, organization, clarity, bibliographic sources consulted and correct spelling and grammar. The term paper is worth 20% of the entire course grade (Outline 5%, first draft 10%, final revision 5%).

Role of Grad Students: N/A

Supplementary Information: Required course for the completion of the B.S. in Allied Health for the Medical Laboratory Sciences majors (Medical technology, Cytotechnology, Diagnostic Genetic Science).