

**El Paso Community College**  
**Syllabus**  
**Part II**  
**Official Course Description**

<b>SUBJECT AREA TITLE</b>	<u>Health Services/Allied Health/Health Sciences, General</u>						
<b>COURSE RUBRIC AND NUMBER</b>	<u>HPRS 1209</u>						
<b>COURSE TITLE</b>	<u>Interpretation of Laboratory Results</u>						
<b>COURSE HOURS</b>	<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Lec</td> <td style="text-align: center;">Lab</td> </tr> </table>	<u>2</u>	<u>2</u>	<u>0</u>	Credits	Lec	Lab
<u>2</u>	<u>2</u>	<u>0</u>					
Credits	Lec	Lab					

**I. Catalog Description**

Introduces interpretation of commonly ordered laboratory results used to evaluate patient's status. A grade of "C" or better is required in this course to take the next course. (2:0).

**II. Course Objectives**

Upon satisfactory completion of this course, the student will be able to:

- A. Describe a general listing of departments that make up the clinical laboratory including hematology, chemistry, Toxicology, coagulation, urinalysis, serology/immunology, blood bank, and microbiology along with test procedures performed in each department.
- B. Describe general usage of laboratory data, validity of data, sources of error, reference ranges, critical values, and ordering terminology
- C. Describe and analyze the clinical significance of 70% of commonly ordered laboratory tests in the areas of Hematology and Coagulation.
- D. Describe and analyze the significance of commonly ordered laboratory tests in the area of Urinalysis.
- E. Describe and analyze the clinical significance of commonly ordered laboratory tests in the areas of Clinical Chemistry
- F. Describe and analyze the clinical significance of commonly ordered laboratory tests in the areas of and Clinical Immunohematology and Serology.
- G. Describe and analyze the clinical significance of laboratory results reported from the area of Microbiology including Parasitology and Mycology.

**III. THECB Learning Outcomes (WECM)**

- 1. Explain the clinical significance of commonly ordered laboratory tests.
- 2. Identify normal ranges.
- 3. Interpret results.

#### **IV. Evaluation**

A. Challenge Exam:

Students who wish to challenge the course may contact the Division Dean for permission. The exam must be taken before the census cut-off date.

B. Unit Exams:

Written unit exams will consist of the following question types: multiple-choice, completion, essay, matching, spelling, analysis and definition or any combination of these. The number and type of exams will be at the discretion of the instructor.

C. Assignments:

Written projects will be devised and assigned through the semester at the instructor's discretion.

D. Final Exam:

A comprehensive final exam will be administered at the end of the course.

E. Grading Scale:

A = 90 – 100

B = 80 – 89

C = 70 – 79

D = 60 – 69

F = below 59

Note: All health programs require a grade of “C” or better to be accepted for fitting degree plan courses.

#### **V. Disability Statement (Americans with/Disabilities Act [ADA])**

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

#### **VI. 6 Drop Rule**

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.