

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

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

**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**

Upon completing this course, the student will be able to:

- 1. Explain the clinical significance of commonly ordered laboratory tests.
- 2. Identify normal ranges; and 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.

#### **VII. Title IX and Sex Discrimination**

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic

violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.