

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: CLLS 440	Department: Clinical Laboratory Science
Course Title: Clinical Laboratory Seminar	Semester: Spring Year: 2014

Competencies/ Objectives

Competencies	Course Objective
<p>1. Student will, through analysis and application, relate the topics in the Clinical Laboratory Science field to related tests in relationship to disease and patient diagnoses. The following topics will be presented:</p> <ul style="list-style-type: none">a. Urinalysis and Body fluidsb. Microbiologyc. Clinical chemistryd. Hematology and coagulatione. Immunohematologyf. Immunology	<ul style="list-style-type: none">▪ Evaluate laboratory data.▪ Analyze tests' results to normal and abnormal values.▪ List diseases related to abnormal laboratory results.▪ Identify other laboratory tests to diagnose a disease and draw a conclusion.▪ Review case studies for each topic.▪ Understand and discuss recent journal articles related to each topic.▪ Write subject review questions.▪ Perform online practice certification exams.
<p>2. Students will discuss weekly clinical experiences.</p>	<ul style="list-style-type: none">▪ Discuss the clinical experience in a professional manner.▪ Demonstrate strong communication skills in describing the events week of clinical rotation.▪ Recognize, discuss and explain any abnormal cases or findings of the week.▪ Keep a daily journal of all clinical activities for review.

Competencies	Course Objective
<p>3. Student will comprehend current practices, the function of professionalism, importance of involvement in the field and recent findings in the clinical lab field.</p> <p>4. Students will adhere to all applicable affective behavioral objectives.</p>	<ul style="list-style-type: none"> ▪ Submit applicable questions on the current practices and functions of the laboratory and actively participate in separate Laboratory Manager and Supervisor and Laboratory Technology/Technician guest panels. ▪ Explore ethical dilemmas commonly encountered in the field. ▪ Discuss current developments in the clinical laboratory field and the importance of continuing education to maintain excellence in the profession. <p>Safety</p> <ul style="list-style-type: none"> a. Comply with all established laboratory safety regulations including: <ul style="list-style-type: none"> i. Standard precautions including PPE use and handwashing. ii. Practice proper handling and disposal of biohazardous materials. iii. Proper handling and disposal of sharps. iv. Exercise proper safety practices when using all laboratory equipment, reagents and chemicals. b. Comply with established departmental dress code. <p>Work Practices and Organization</p> <ul style="list-style-type: none"> a. Adhere to department attendance policies by arrive to lecture/ laboratory at the expected time, as denoted in the course syllabus. b. Follow all written instructions.

Competencies	Course Objective
	<ul style="list-style-type: none"> c. Actively listen to verbal instructions. d. Ask quality questions (clarifying, analytical and related to task). e. Submit neat, legible, organized and complete assignments. f. Demonstrate effective time management and complete all tasks within the assignment time frame. g. Keep all laboratory work areas neat, clean and in order. h. Properly care for and use all laboratory equipment. i. Achieve competency and independence in performance of all demonstrated lab skills. <p>Cooperation and Teamwork</p> <ul style="list-style-type: none"> a. Actively participate in class activities and discussions by: <ul style="list-style-type: none"> i. Effectively communicating with class members. ii. Showing respect and consideration for other students and instructors. iii. Willing to share ideas and equally contribute to assigned tasks. b. In laboratory sessions: <ul style="list-style-type: none"> i. Share resources and equipment. ii. Work cooperatively by adjusting work style and speed. iii. Discuss equitable task allocation and organization prior to performing. <p>Ethics and Professionalism</p> <ul style="list-style-type: none"> a. Respond maturely to constructive criticism and

Competencies	Course Objective
	<p>instruction and make appropriate modifications.</p> <ul style="list-style-type: none">b. Seek advice when necessary, admitting limitations when appropriate.c. Recognize and admitting errors.d. Maintain patient confidentiality according to HIPPA regulations.e. Communicate using appropriate terminology and professional procedures.f. Display calm demeanor in all circumstances and maintain work quality under stress.