

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Clinical Training(2)
Course number	AMSL4131
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - The clinical practicum is the culmination of several years of study. It is an exciting time for students, and offers unique experiences in the clinical laboratory setting. Students will achieve from this experience benefits comparable to the effort they put forth.
- 2 - The student will:
- 3 - Demonstrate correctly proper procedures for the collection, safe handling, and analysis of biological specimens to the satisfaction of the instructor.
- 4 - Utilize correctly scientific principles, principles of methods for quantifying, clinical correlations, and clinical decision making for analytes of interest in clinical laboratory.
- 5 - Perform correctly laboratory testing according to established laboratory protocol.
- 6 - Apply correctly appropriate problem solving steps for determining instrument/methodology problems, utilizing instrument manuals, laboratory procedure manuals, and information contained in package inserts.
- 7 - Operate equipment properly, troubleshoot, and perform preventive and corrective maintenance according to the manufacturer's directions to the satisfaction of the instructor.
- 8 - Utilize proper techniques in the performance of all laboratory testing to the satisfaction of the instructor.
- 9 - Evaluate correctly laboratory test results to determine disease diagnosis.
- 10 - Evaluate correctly acceptability of quality control and test result data.
- 11 - Discuss the impact and apply principles of total quality management on laboratory operations, including relevance to the pre-analytical, analytical, and post-analytical stages of the testing process.
- 12 - Comply with established safety regulations and regulations governing regulatory compliance related to laboratory practice to the satisfaction of the instructor.
- 13 - Communicate effectively and professionally as a member of the healthcare team to enable consultative and educational interactions with other healthcare personnel, the public, and patients to the satisfaction of the instructor.
- 14 - Demonstrate ethical behavior and professionalism, including maintaining the confidentiality of patient information to the satisfaction of the instructor

Intended Learning Outcomes

Professional Skills

* To be able to work independently in any Clinical Laboratory setting

Teaching and Learning Methods

1 - Field Practical Training in Clinics and Hospitals

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Attendance and Instructor report	Training period	50
Final Exam	At the end of the second semester	50

Books and References

Essential books	All of your studied textbooks, lecture notes, Powerpoint notes, taken through the years of the study
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