

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Practical Hematology(1)
Course number	AMSL3121
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - Prerequisite:Hematology I AMSL3321
--

Course Contents

<ul style="list-style-type: none"> 1 - Introduction to hematology Lab. 2 - Anticoagulants used in hematology and their mode of action 3 - Hemacytometry: RBC count and WBC count 4 - Hemoglobin estimation 5 - Hematocrit determination 6 - RBC indices calculation 7 - Blood film preparation 8 - Staining of blood films with Romanovsky stains 9 - Morphology of normal blood cells 10 - Differential WBC count 11 - Osmotic Fragility test

Teaching and Learning Methods

1 - Practical sessions

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Attendance	Lab Sessions	10
Lab Reports		20
Quizes		20
Final Practical Exam	At the end of the semester	50

Books and References

Essential books	Practical Hematology Procedure Manual
Recommended books	Practical Haematology. Dacie & Lewis (2001). Churchill Livingstone (ISBN 044-306377X)