Medical Technology/Clinical Laboratory Science
ONLINE Option
Clinical Experience Checklist
Immunology/Serology

STUDENT:_____

CLINICAL SITE:_____

The following pages contain the concepts/basic skills and tasks/test procedures which are to be completed during the Immunology/Serology Clinic al Experience. These concepts/basic skills and tasks/test procedures have been designated as those in which the student must demonstrate competence to perform as an entry-level medical technologist/clinical laboratory scientist at the completion of clinic al experience. Each of these concepts/basic skills and tasks/test procedures is numbered and is correlated with the curriculum objectives for this area. Any additional concepts/skills/tasks/test procedures performed by the student at your clinical site which are not contained in this checklist can be recorded on the blank form at the end of the checklist.

As the student demonstrates the required level of competency in the various concepts/skills/tasks/ test procedures, please verify this by recording the date and your initials in the appropriate space. **IT IS THE STUDENT'S RESPONSIBILITY TO KEEP THIS FORM AND TO HAVE IT AVAILABLE FOR THE SIGNATURE AND DATE AT THE APPROPRIATE TIME.** Upon completion of the clinical experience, the student is to return this form to the AUM MT/CLS Program Director.

The Concepts/Basic Skills section contains the concepts and skills that need to be reinforced and used throughout the immunology/serology clinical experience. These require ongoing evaluation during the time spent in the Immunology/Serology Department. Competency will be determined at the end of the clinical experience when, in the professional opinion/judgment of the clinical instructor(s), the concepts and basic skills on this checklist have been completed at an 85% level. An 85% competency level is defined as explaining **each** concept or performing **each** basic skill at an 85% accuracy level. The AUM MT/CLS Faculty considers 85% as that level necessary to perform as an entry-level MT/CLS.

The Tasks/Test Procedure section contains specific functions which the program considers to be the minimal essential functions for an entry-level MT/CLS. The number beside each task/test procedure is the number of times the specific task/test procedure must be completed. The "Required Level of Competency" is the level of accuracy that must be attained with **each** repetition. The student is considered competent when the indicated number of test(s) have been completed at the indicated level of accuracy.

Immunology and Serology is the only ONLINE course in this content area. Therefore, this checklist must be completed by the end of the semester in which this course is taken by the student. Failure to complete any one concept/basic skill/ task/test procedure at the required competency level will result in failure of this course and dismissal from the program. In the event that competency could not be obtained for a particular concept/basic skill/task/test procedure through no fault of the clinical site or the student, indic ation of this should be noted on the checklist along with a brief explanation. If this situation arises, failure to complete the required competency will not be counted against the student.

AUBURN UNIVERSITY MONTGOMERY

Medical Technology/Clinical Laboratory Sciences
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Concepts/Basic Skills

Immunology/Serology Concepts/Basic Skills	Required Level of Competency (%)	Competent
1.1 Document test data according to standard protocol.	**85**	
1.2 Explain agglutination reactions and the factors affecting them.	**85**	
1.3 Explain precipitation reactions.	**85**	
1.4 Correlate request with proper specimen to be collected from patient.	**85**	
1.5 Report all test results in the approved format.	**85**	
1.6 Perform agglutination testing procedures according to approved procedures with specified degree of accuracy.	**85**	
1.9 Perform appropriate quality control testing in all serology procedures.	**85**	
1.10 Evaluate patient data to determine the disease state/immune status/clinical stage of disease present.	**85**	
6.1 Name the 5 immunoglobulin classes.	**85**	
6.3 Outline the characteristics of each of the immunoglobulin classes.	**85**	
7.6 Outline the primary and secondary immune response and the primary immunoglobulin class present in each.	**85**	
9.1 Name the spirochete organisms causing syphilis and lyme disease.	**85**	
9.3 Name the laboratory assays used for the detection of syphilis, nonspecific (reagin) and specific.	**85**	
9.4 Explain the principle of each of the laboratory assays used for the detection of syphilis .	**85**	

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Tasks/Test Procedures

Immunology/Serology Tasks/Test Procedures	Required Level of Competency (%)	Competent
9.5 Correlate the expected laboratory test results with the stages of the disease of syphilis. **No. 10**	**85**	
9.8 Demonstrate proficiency in RPR testing according to approved procedures and with the specified degree of accuracy. **No. 10**	**85**	
9.9 Evaluate patient test data to determine the presence/stage of spirochete diseases. **No. 10**	**85**	

Additional Immunology/Serology Skills/ Tasks/Test Procedures	*Required Level of Competency (%)	Competent

* AS THESE ADDITIONAL PROCEDURES ARE SPECIFIC TO THE INDIVIDUAL CLINICAL AFFILIATE, THE LEVEL OF COMPETENCY REQUIRED IS LEFT TO THE DISCRETION OF THE CLINICAL FACILITATOR..

COMMENTS/NOTES:

The clinical facilitator and each technologist i nitialing this checklist on the preceding pages should sign and initial below.

SIGNATURE   **INITIALS**

CHECKLIST REVIEW

HOSPITAL REPRESENTATIVE: _____   **DATE:** _____

AUM REPRESENTATIVE: _____   **DATE:** _____