MLSC 4341 - Blood Bank Internship Competency Checklist

Student Name: _____Clinical Site: _____

A competent student should have:
a. A **general** knowledge and understanding of principles and procedures,
b. The ability to satisfactorily perform procedures at **entry level** with moderate supervision,
c. The ability to identify abnormal results and problems and **seek or suggest** appropriate resolution.
Competency may be demonstrated through **performance, observation, or simulation**. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Blood bank and donor specimen identification, handling and processing (e.g. recognize acceptable specimens and appropriately handle specimens deemed unsuitable, mislabeled or capable of producing spurious results)

_____ Instrument calibration, function checks and preventative maintenance; recognize problems and appropriate action.

_____ Quality control/quality assurance, regulations, utilization and record keeping

_____ Blood group typing, including discrepancies

_____ Antibody screens

_____ Antibody identification

_____ DAT

_____ Compatibility testing

_____ Antigen typing

_____ HDN/ fetal screen/ RhIG

_____ Elution/Titration (if available. If not indicate N/A)

_____ Processing, storage, selection and administration of blood products

_____ Adheres to all laboratory safety policies

_____ Oral or printed information provided on common procedures not performed (include advantages and disadvantages of computer crossmatch, gel testing, tube testing if only gel is performed, PEG, LISS or other additives, apheresis)

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____

MLSC 4314 – Chemistry Internship Competency Checklist

Student Name: _____ Clinical Site:_____

A competent student should have:

a. A general knowledge and understanding of principles and procedures,
b. The ability to satisfactorily perform procedures at entry level with moderate supervision,
c. The ability to identify abnormal results and problems and seek or suggest appropriate resolution.

Competency may be demonstrated through performance, observation, or simulation. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Specimen identification, handling and processing (e.g., recognize acceptable specimens and appropriately handle specimens capable of producing spurious results)

_____ Routine chemistry tests, including urine chemistries, on automated chemistry instruments designated at the clinical affiliate site.

_____ Routine daily maintenance, calibration and function checks of automated instruments including recognizing problems and appropriate action.

_____ Required calculations.

_____ Manual procedures or pre-treatments.

_____ Quality assurance/quality control (according to the affiliate laboratory's policies).

_____ Adheres to all laboratory safety policies.

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____

MLSC 4314 – Immunology Competency Checklist

To be turned in with MLSC 4314 Chemistry Internship documents.

Student Name: _____ Clinical Site:_____

A competent student should have:

a. A **general** knowledge and understanding of principles and procedures,
b. The ability to satisfactorily perform procedures at **entry level** with moderate supervision,
c. The ability to identify abnormal results and problems and **seek or suggest** appropriate resolution.

Competency may be demonstrated through **performance, observation, or simulation**. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Specimen identification, handling and processing (e.g., recognize acceptable specimens and appropriately handle specimens capable of producing spurious results)

_____ Agglutination procedures (e.g., monospot, rheumatoid factor, streptozyme, tularemia, etc.)

_____ Syphilis serology (e.g., RPR or VDRL)

_____ Quality assurance/quality control procedures on items appropriate for the respective internship site (e.g., latex agglutination test QC)

_____ Appropriate instrument maintenance, calibration, and function checks; recognize problems and take appropriate action.

_____ Adheres to all laboratory safety policies

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____

MLSC 4332 – Hematology/Coagulation Internship Competency Checklist

Student Name: _____Clinical Site: _____

A competent student should have:
a. A **general** knowledge and understanding of principles and procedures,
b. The ability to satisfactorily perform procedures at **entry level** with moderate supervision,
c. The ability to identify abnormal results and problems and **seek or suggest** appropriate resolution.

Competency may be demonstrated through **performance, observation, or simulation**. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Specimen identification, handling and processing (e.g., recognize acceptable specimens and appropriately handle specimens capable spurious results)

_____ Routine daily maintenance, calibration and function checks on analyzers designated at the clinical affiliate site.

_____ Quality control/quality assurance (according to the affiliate laboratory policies).

_____ Routine hematology/coagulation tests and interpretation on automated analyzers designated at the clinical affiliate site.

_____ Preventative maintenance; recognizes malfunctions and takes appropriate action

_____ Manual normal and abnormal white cell differentials and red cell morphology
- Includes slide preparation, staining, evaluation and correlation of data

_____ Body fluids cells counts and differentials- specify specimen _____

_____ Reticulocyte count, automated or manually, and interpret results

_____ Erythrocyte sedimentation rate

Coagulation Bench

_____ D-Dimer and/or FSP

_____ Fibrinogen

_____ Adheres to all laboratory safety policies

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____

MLSC 4335 – Microbiology Internship Competency Checklist

Student Name: _____Clinical Site: _____

A competent student should have:

a. A general knowledge and understanding of principles and procedures,
b. The ability to satisfactorily perform procedures at entry level with moderate supervision,
c. The ability to identify abnormal results and problems and seek or suggest appropriate resolution.

Competency may be demonstrated through performance, observation, or simulation. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Initial processing including evaluating specimens for acceptability, prioritizing specimen handling and appropriately storing specimens)

_____ Specimen processing including appropriate inoculation and incubation of media

_____ Gram-stained smears prepared from patient specimens and cultured organisms

_____ Cultures (e.g., blood, urine, stool, wound, respiratory, urogenital, normally sterile body fluids, and anaerobes).

_____ Identification of the more commonly isolated bacteria (e.g. staphylococci, streptococci, enterococci, Neisseria, enterics, Haemophilus, and Pseudomonas aeruginosa).

_____ Antimicrobial susceptibility tests according to the method used at each respective internship site.

_____ Quality assurance/quality control procedures on items appropriate for the respective internship site (e.g., reagents, antisera, and antimicrobial susceptibility tests)

_____ Instrument maintenance and function checks appropriate for internship site

_____ Adheres to all laboratory safety policies

_____ Completion of National Tuberculosis Curriculum Consortium Case Study

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____

Phlebotomy Competency Checklist

Student:_____ Training Site:_____

A competent student should have:

- A **general** knowledge and understanding of principles and procedures
- The ability to satisfactorily perform procedures at **entry level** with moderate supervision
- And the ability to identify problems and **seek or suggest** appropriate resolution.

Competency may be demonstrated through **performance, observation, or simulation**.

	5 Always	**4 Usually**	**3 Sometimes**	**2 Rarely**	**1 Never**	**N/A**
Courteous and professional manner						
Uses appropriate safety protective equipment						
Properly selects and organizes equipment and supplies						
Uses correct procedures for patient identification						
Selects a suitable venipuncture site						
Performs blood collection by venipuncture using correct technique						
Performs blood collection by capillary puncture using correct technique						
Correctly disposes of used equipment						
Labels tubes with correct information						
Performs appropriate record-keeping						

Total number of points from the Competency Checklist: _____/_____ = _____%
(to be calculated by the instructor)

The student completed the minimum number of phlebotomy procedures (**50 sticks**):
_____Yes _____No

If No, explain. _____

_____ _____
Phlebotomy Supervisor/Trainer (signature) Date

MLSC 4130 – Urinalysis Internship Competency Checklist

Student Name: _____ Clinical Site:_____

A competent student should have:

d. A general knowledge and understanding of principles and procedures,
e. The ability to satisfactorily perform procedures at entry level with moderate supervision,
f. The ability to identify abnormal results and problems and seek or suggest appropriate resolution.

Competency may be demonstrated through performance, observation, or simulation. A competency level of 77% or greater must be achieved on each practical exam in blood bank, if given. Instructors should document the student's competency by initialing each item on the checklist.

_____ Specimen identification, handling and processing (e.g. recognize acceptable specimens and appropriately handle specimens capable of producing spurious results)

_____ Physical properties of urine

_____ Chemical analysis and appropriate confirmatory testing

_____ Normal microscopic elements

_____ Abnormal microscopic elements

_____ Correlate microscopic findings with chemical analysis and vice versa

_____ Operate automated urinalysis instruments

_____ Routine maintenance, calibration and function checks of automated instruments, including recognizing problems and appropriate action

_____ Quality assurance/quality control (according to the affiliate laboratory's policies)

_____ Adheres to all laboratory safety policies

Signature indicates the student is competent in the areas listed above.

Clinical Instructor (required): _____ Date: _____