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**.

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<th>2 Rarely</th>
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<td>Courteous and professional manner</td>
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<td>Properly selects and organizes</td>
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<td>Uses correct procedures for patient</td>
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<td>identification</td>
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<td>venipuncture using correct technique</td>
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<td>Performs blood collection by capillary</td>
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<td>puncture using correct technique</td>
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<td>Correctly disposes of used equipment</td>
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<td>Label tubes with correct information</td>
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<td>Performs appropriate record-keeping</td>
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**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: _______________