

# CREDIT FOR PRIOR LEARNING (CPL)

## Medical Laboratory Science (MLS)

### Credit for Prior Learning (CPL) Portfolio:

Instructions: This form provides guidance for documentation of experience needed for each course. Please fill out the top section of the form. The verification section is for reviewer use only.

Name: \_\_\_\_\_

MLT Program or BS Degree/Graduation Date: \_\_\_\_\_

MLT Certification – Agency/Date (verification must be provided): \_\_\_\_\_

| Employer | Start Date | End Date |
|----------|------------|----------|
|          |            |          |
|          |            |          |
|          |            |          |

| Course                      | Experience  | Verification (for reviewer use) |
|-----------------------------|---|---------------------------------|
| <b>Blood Bank – MLS 455</b> | ABO and Rh Typing                                     |                                 |
|                             | Antibody screen and identification                    |                                 |
|                             | Blood components – storage and use                    |                                 |
|                             | Compatibility testing                                 |                                 |
|                             | HDFN testing  |                                 |
|                             | Instrument preventive maintenance and troubleshooting |                                 |
|                             | Transfusion reaction testing                          |                                 |
|                             | Processing and administration of blood products       |                                 |
|                             | Problem solving/troubleshooting                       |                                 |
| <b>Chemistry – MLS 445</b>  | Basic analytical methodology to include:              |                                 |
|                             | Electrolytes  |                                 |
|                             | Blood gases   |                                 |
|                             | Glucose   |                                 |
|                             | Blood urea nitrogen                                   |                                 |
|                             | Creatinine  |                                 |
|                             | Bilirubin   |                                 |
|                             | Enzymes   |                                 |
|                             | Lipids  |                                 |
|                             | Proteins  |                                 |
|                             | Immunoassay   |                                 |
|                             | Instrument preventive maintenance and troubleshooting |                                 |
|                             | Endocrinology and tumor markers                       |                                 |
|                             | Therapeutic drug monitoring/toxicology                |                                 |
|                             | Problem solving/troubleshooting                       |                                 |



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|---|---|---------------------------------|
| <b>Hematology – MLS 440</b>   | Blood smear preparation, evaluation, and differential                                       |                                 |
|   | Complete blood count  |                                 |
|   | Miscellaneous tests (e.g. reticulocyte, ESR, sickle screen)                                 |                                 |
|   | Instrument preventive maintenance and troubleshooting                                       |                                 |
|   | Routine coagulation (e.g. Pt, APTT)   |                                 |
|   | Special coagulation tests (e.g. fibrinogen, FDP/D-dimer)                                    |                                 |
|   | Problem solving/troubleshooting   |                                 |
| <b>Microbiology – MLS 460</b>   | Culture evaluation  |                                 |
|   | Antibiotic susceptibility testing   |                                 |
|   | Instrument preventive maintenance and troubleshooting                                       |                                 |
|   | Media selection   |                                 |
|   | Microscopic examination of specimens  |                                 |
|   | Manual, automated, and molecular methods for detection and identification of microorganisms |                                 |
|   | Problem solving/troubleshooting   |                                 |
| <b>Urinalysis and Body Fluids<br/>MLS 440 and MLS 445<br/>(rotation experience)</b> | Instrument preventive maintenance and troubleshooting                                       |                                 |
|   | Routine urinalysis  |                                 |
|   | Routine evaluation of other body fluids   |                                 |
|   | Problem solving/troubleshooting   |                                 |

Submit forms to [admissions@allencollege.edu](mailto:admissions@allencollege.edu) or  
 Allen College  
 Admissions  
 1825 Logan Ave  
 Waterloo, IA 50703