Course Inventory Change Request

Date Submitted: 02/02/15 11:41 am

Viewing: MLS 1113: Intro to Medical Laboratory Science

Last edit: 02/10/15 11:03 am

Changes proposed by: vHughes

Catalog Pages
referencing this course

Associate of Applied Science in Medical Laboratory Science
Bachelor of Science in Medical Laboratory Science

Other Courses
referencing this course

In Workflow
1. MLS Chair
2. HSC Admin
3. HSC Dean
4. University Curriculum Committee Chair
5. Banner

Approval Path
1. 02/06/15 10:22 am
   Virginia Hughes (vHughes): Approved for MLS Chair
2. 02/06/15 10:59 am
   Colleen Hales (hales): Rollback to MLS Chair for HSC Admin
3. 02/10/15 11:03 am
   Virginia Hughes (vHughes): Approved for MLS Chair
4. 02/10/15 11:05 am
   Colleen Hales (hales): Approved for HSC Admin
5. 02/10/15 11:56 am
   Carole Grady (grady): Approved for HSC Dean

In The Catalog Description:

**MLS 1123 : Principles of Hematology and Hemostasis**
**MLS 2211 : Clinical Chemistry I**
**MLS 2212 : Clinical Microbiology I**
**MLS 2215 : Prin of Immunohematology**
**MLS 2256 : Clinical Practice Internship**

As A Banner Prerequisite:

**MLS 1123 : Principles of Hematology and Hemostasis**
**MLS 2211 : Clinical Chemistry I**
**MLS 2212 : Clinical Microbiology I**
**MLS 2215 : Prin of Immunohematology**
**MLS 2256 : Clinical Practice Internship**

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Course/Lab Fee? | Yes
---|---
Course/Lab Fee Amount: | **500**
Fee Deposit: | **250**
Index Code: | HEA320

Fee Justification: **Current fee is inadequate to cover cost of laboratory reagents, test kits, and other lab supplies/equipment.**

Instruction Index Code: HEA217

GE Status Requested: No

Catalog Description

Open to all students planning to apply for admission to the D Associate of Applied Science in Medical Laboratory Science program. Principles and applications to laboratory testing including safe practices for the laboratory practitioner, specimen quality assurance, phlebotomy, urinalysis, basic concepts in clinical immunology and serology testing. Students will also be introduced to urinalysis instrumentation. FA

Course Rotation:

**Fall**  
**Summer** (every)

Justification for course/change:

- correction for course rotation, increase in lab fee

Library Resources Adequate: Yes

Tech Resources Adequate: Yes

Course Learning Outcomes:

1. **Demonstrate a broad knowledge of basic lab departments, personnel, and regulations**
2. **Describe the anatomy and functions of the renal system**
3. **Describe the characteristics of urine, including its formation, physical composition and chemical properties**
4. **Describe proper procedures for collection of body fluids**
5. **Evaluate body fluid specimens to determine suitability for requested testing**
6. **Relate lab results to various disease states**
7. **Perform a successful venipuncture adhering to standard precautions**
Learning Outcomes align to your Program Learning Outcomes?

- **Demonstrate a broad knowledge of basic lab departments, personnel, and regulations** aligns with POL5 (demonstrate knowledge of hematology, hemostasis, urinalysis, microbiology, blood banking, clinical chemistry, lab operations, and serology in the clinical lab)
- **Describe the anatomy and functions of the renal system** aligns with PLO5 (demonstrate knowledge of hematology, hemostasis, urinalysis, microbiology, blood banking, clinical chemistry, lab operations, and serology in the clinical lab)
- **Describe the characteristics of urine, including its formation, physical composition and chemical properties** aligns with PLO5 (demonstrate knowledge of hematology, hemostasis, urinalysis, microbiology, blood banking, clinical chemistry, lab operations, and serology in the clinical lab)
- **Describe proper procedures for collection of body fluids** aligns with PLO5 (demonstrate knowledge of hematology, hemostasis, urinalysis, microbiology, blood banking, clinical chemistry, lab operations, and serology in the clinical lab)
- **Evaluate body fluid specimens to determine suitability for requested testing** aligns with PLO3 (evaluate and interpret lab test data while recognizing factors that affect procedures correlating results to disease processes)
- **Relate lab results to various disease states** aligns with PLO3 (evaluate and interpret lab test data while recognizing factors that affect procedures correlating results to disease processes)
- **Perform a successful venipuncture adhering to standard precautions** aligns with PLO1 (safely handle biological specimens and other substances for analysis adhering to standard precautions and regulatory guidelines)

Schedule of lesson activities that meet Course Learning Outcomes

- lectures, student labs, lecture exams, lab practicals, case studies

Assessment activities that provide evidence of student learning

- Four lecture exams, two lab practicals, one final exam

Course Reviewer Comments

- **dwade (02/02/15 11:38 am):** Rollback: Virginia asked for rollback.
- **hales (02/06/15 10:59 am):** Rollback: Ginny--Carole would like the bottom portion filled out with objectives, etc.