Course Inventory Change Request

Date Submitted: 02/02/15 4:46 pm

Viewing: MLS 2214: Clinical Microbiology II

Last edit: 02/10/15 8:14 am

Changes proposed by: v Hughes

Catalog Pages 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 10:24 am
   Virginia Hughes (vhughes): Approved for MLS Chair
2. 02/06/15 11:02 am
   Colleen Hales (hales): Rollback to MLS Chair for HSC Admin
3. 02/09/15 1:32 pm
   Virginia Hughes (vhughes): Approved for MLS Chair
4. 02/09/15 3:19 pm
   Colleen Hales (hales): Approved for HSC Admin
5. 02/10/15 8:14 am
   Carole Grady (grady): Approved for HSC Dean

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

Course Prefix: MLS
Course Number: 2214
Effective Semester: Spring 2016
<table>
<thead>
<tr>
<th>Department:</th>
<th>Medical Laboratory Science (MLS)</th>
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<tbody>
<tr>
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<td><strong>School of Health Sciences</strong></td>
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<tr>
<td>Course Title:</td>
<td>Clinical Microbiology II</td>
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<td>Short Course Title:</td>
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<td>Credits:</td>
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<td>Instructor Permission Required:</td>
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<td>Catalog Prerequisites?:</td>
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<td>Catalog Prerequisites:</td>
<td>Admission to the AAS Program in Medical Laboratory Science; AND MLS 2212 (Grade C+ or higher). Grade Required on Prerequisite(s): C+</td>
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<td>Corequisites?:</td>
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<td>Course/Lab Fee?:</td>
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<td>Fee Deposit Index Code:</td>
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<td>Fee Justification:</td>
<td>Fee increase to cover significant increasing costs of laboratory reagents and test kits for course-</td>
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<td>Instruction Index:</td>
<td>HEA217</td>
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Code:

GE Status: No
Requested:

Catalog Description
Clinical mycology, virology, parasitology and miscellaneous clinical bacteria will be covered. The laboratory section will focus on traditional methods of identification of bacteria and parasites. Course fee required.

Course Rotation:
Spring (every)

Justification for course/change:
funds for lab kits, reagents, and supplies

Library Resources Adequate: Yes
Tech Resources Adequate: Yes

Course Learning Outcomes:

1. Demonstrate proper documentation of lab results
2. Correlate lab results to disease processes and presumptive identification of potential pathogens
3. Utilize proper techniques in the performance of lab tests used for identification of pathogens
4. Describe the basic morphology and physiology of parasites and fungi
5. Understand the life cycle of parasites of medical importance in relation to transmission, prevention, and control
6. Correctly classify parasites and fungi

How do your Course Learning Outcomes align to your Program Learning Outcomes?

Proper documentation of lab results correlates to PLO 8 in demonstration of effective oral and written communication skills
Correlating lab results to disease processes and presumptive ID of potential pathogens aligns to PLO3 in evaluation of lab test data while recognizing factors that affect procedures and results correlating lab results to disease processes
Utilizing proper techniques in the performance of lab tests used for ID of pathogens relates to PLO 2 in performance of accurate lab testing of body fluids
Describe the basic morphology and physiology of parasites and fungi relates to PLO5 in demonstrating knowledge of microbiology
Understanding the life cycle of parasites of medical importance in relation to transmission, prevention and control also relates to PLO5 in demonstrating knowledge of microbiology.

Schedule of lesson activities that meet
Course Learning Outcomes

Activities include student laboratories, lab practicals, lectures, lecture exams, and oral presentations.

Assessment activities that provide evidence of student learning

Three lecture exams and a final exam, two lab practicals, one oral presentation.

Course Reviewer Comments

dwade (02/02/15 11:39 am): Rollback: Virginia asked for rollback
hales (02/06/15 11:02 am): Rollback: Carole would like the Outcomes sections filled out