COURSE NO., HOURS, AND TITLE: MSFS 256 (3) – Introductory Microbiology

PROGRAM MISSION STATEMENT:

The mission of the Mortuary Science and Funeral Service program is to challenge students to achieve academic and professional excellence; prepare students to acquire entry level positions in the funeral service profession; provide quality instruction and stay current with trends of the profession; cultivate and maintain excellent relations with local, state, and national organizations; enhance university and community relations; and work toward the continued improvement of the Mortuary Science and Funeral Service program as an ongoing process.

COURSE DESCRIPTION:

The student will survey microbiology: morphology, physiology, populations of microbial organisms, microbial destruction, immunology and pathogenic agents. Prerequisite: restricted to major, Zool 115/118 and CHEM 106.

Lecture Hours: Tuesday, Thursday 11:00 – 12:15 p.m.

PREREQUISITE TO: MSFS 257

COURSE OBJECTIVES:

Upon satisfactory completion of a course of study in microbiology, the student shall be able to:

1. Identify basic microbial morphology and describe basic microbial physiology;

2. Interpret host-parasite relationships and interactions, and the requirements of successful parasitism;

3. Describe and apply knowledge of personal and environmental disinfection and decontamination procedures by proper use of chemical disinfection and sterilization procedures;

4. Describe the fundamentals of the infectious processes and specific and non-specific defense mechanisms against disease;

5. Understand the methods of transmission of infectious diseases and recognize the control procedure of these diseases with special emphasis on protection to the embalmer, the funeral director and the public;

6. Differentiate between the indigenous microorganisms and pathogens and/or opportunists causing disease commonly associated with the human host and dead human remains.
TEXTBOOKS:


INSTRUCTOR: Dr. Thomas Shaw

OFFICE HOURS: Tuesday 8:00 a.m. – 11:00 a.m.
Thursday 8:00 a.m. – 11:00 a.m.
Others by appointment.
Room 123-College of Applied Sciences and Arts
Phone: 453-7217
e-mail: saja@siu.edu

ATTENDANCE

**ATTENDANCE IS REQUIRED.** You are responsible for attending all classes and completing all course requirements. You will be allowed three absences during the semester. After the third absence the student will have points deducted from their total points accumulated.

<table>
<thead>
<tr>
<th>Absences</th>
<th>Points</th>
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<tbody>
<tr>
<td>4 - 5</td>
<td>3</td>
</tr>
<tr>
<td>6 - 7</td>
<td>6</td>
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<tr>
<td>8 - 9</td>
<td>9</td>
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<td>≥ 10</td>
<td>12</td>
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</tbody>
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Please be aware that this is accumulated, total number of deducted points if a student missed 10 classes would be 30 points. **REMEMBER:** If you miss a class, it is **YOUR** responsibility to contact the instructor and obtain any outside work assignment. If assignment(s) are not completed and given to the professor, an “INC” will be given until the assignment(s) are completed.

You are required to be present at the time the class is scheduled to begin. Once the doors are shut and the class has started, **DO NOT** interrupt the class by coming in late.

GRADES:

Grades will be determined on a percentage basis as applied to the total number of possible points accumulated throughout the semester. The percentage breakdown is as follows:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>92 to 100%</td>
<td>earns you an A</td>
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<tr>
<td>83 to 91%</td>
<td>earns you a B</td>
</tr>
<tr>
<td>75 to 82%</td>
<td>earns you a C</td>
</tr>
<tr>
<td>75% ≤</td>
<td>earns you an F</td>
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</tbody>
</table>
EXAMINATIONS & QUIZZES:

There will be three (3) hourly exams given during the semester. Make up exams are generally NOT PERMITTED. A comprehensive final exam will be given at the end of the semester and will follow the final exam schedule set by the University.

Quizzes may be given without previous notice and will not be made up under any circumstances.

During the semester there may be assignments that are to be completed. These assignments may be individual or group activities. All assignments must be completed and turned in on or before the due date. All assignments must be typed, double spaced, with 1 inch margins, and have a cover page unless other parameters are given.

Final Exam: Thursday, 10:15 to 12:15---December 15, 2016

EMERGENCY PROCEDURES:

Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT'S website at. www. Bert.siu.edu. Department of Safety's website www.dps.siu.edu (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency.

Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency. The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.

The Provost’s syllabus attachment link is as follows: http://pvcaa.siu.edu/_common/documents/syllabus-attachment-fall-2016.pdf

*Changes may be made to this syllabus during the semester, as needed at the instructor’s discretion.