COLLEGE OF THE MARSHALL ISLANDS
COURSE OUTLINE

CIP No. 26.0403

SCI 110
Alpha Number

Anatomy & Physiology I
Course Title

Course Description
Introduces structure, function, and organization of human body, specifically the cellular, tissue, integumentary, skeletal, muscular, and nervous systems

Course prepared by: Liberal Arts and Science

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<tr>
<th></th>
<th>Hours per Week</th>
<th>Number of Weeks</th>
<th>Total Hours</th>
<th>Credits</th>
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<tr>
<td>Lecture</td>
<td>3</td>
<td>16</td>
<td>48</td>
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<td>Laboratory</td>
<td>2.5</td>
<td>16</td>
<td>40</td>
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<td>Clinical</td>
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<td>Seminar</td>
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<tr>
<td>Field</td>
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Total Credit Hours 4

Purpose of Course: Degree Requirement X
Degree Elective X
General Education X
Certification
Developmental
Community Education
Other

Prerequisite(s) ENG 101, ENG 105 and MATH 090s

Signature, Curriculum Committee Chairperson 5/26/14
Signature, Dean of Academic Affairs 5/26/14
Signature, Vice President of Academic and Student Affairs 5/26/14

Last Date reviewed or revised: May, 2014
I. Anatomy and Physiology I

Course Title: SCI 110

II. Course Outcomes

A. General Learning Outcomes

The student will:

1. Discuss the general anatomy and physiology of the human body (GE 1, 4) (LA 1, 4, 6) (NURS 1, 2)
2. Explain cell structures and cellular activity (GE 1, 4) (LA 1, 4, 6) (NURS 1, 2)
3. Discuss the basic functions and physiology of the integumentary, musculoskeletal, nervous system and senses (GE 1, 4) (LA 1, 4, 6) (NURS 1, 2)

B. Student Learning Outcomes

Upon completion of this course, the student will be able to:

1. Use accurate descriptive anatomical and directional terminology to explain the general organization of the human body and its chemical basis in life and metabolism
2. Explain the atomic, molecular, cellular, and tissue levels of organization of the human body
3. Identify and describe organs, organ system levels of organization and their functions in the human body, including integumentary, skeletal, muscular, nervous systems and senses

III. Course Content

This course introduces human anatomy and physiology, including cellular and tissue organization, as well as integumentary, skeletal, muscular, and nervous systems.

1. Introduction to organization
2. Introduction to human anatomy & physiology
3. Chemical basis of life
4. Cells
5. Cellular metabolism
6. Tissues
7. Support and movement
8. Skin and the integumentary system
9. Skeletal system
10. Muscular system
11. Integration and coordination
12. Nervous system
13. Somatic and special senses
IV. Methods of Instruction

1. Lectures and discussions
2. Overhead/LCD and audio-visual presentations
3. Reading and written assignments
4. Weekly lab activities and experiments
5. Lab practicals
6. Computer tutorials

V. Equipment and Materials

1. LCD projector
2. Classroom response system
3. Laboratory equipment and supplies

VI. Suggested Methods of Evaluation

1. Exams
2. Quizzes
3. Lecture assignments
4. Laboratory reports
5. Laboratory practicals

Letter grades will be assigned per CMI Grading System.
Course History Summary

Course Number: **SCI 110 Anatomy & Physiology I (4cr)**

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<th>Date from Minutes</th>
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<td>12.04.08</td>
<td><strong>Approve</strong></td>
<td>2-23-09</td>
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- Reviewed: May4
- Added: **ENG 101/105 Pre req.**
- Added **GELinks/Designation**
- Changed SLO's (Added #2)

Signature: 5-26-14