**COLLEGE OF THE MARSHALL ISLANDS**

**COURSE OUTLINE**

**CIP No. 51.0706**

**AH 103**

**Alpha Number**

**Course Title**

**Introduction to Information Systems for Health Managers**

**Course Description**

Introduces basic concept of health information systems management for health managers. Emphasizes the importance of accurate, relevant, timely, and complete data collection, analysis, and reporting for effective decision making in health care.

**Course prepared by:**

Nursing and Allied Health Dept.

August 2013

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<tr>
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<th>Hours per Week</th>
<th>Number of Weeks</th>
<th>Total Hours</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>3</td>
<td>16</td>
<td>48</td>
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<tr>
<td>Laboratory</td>
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<td>Clinical</td>
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<td>Seminar</td>
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Total Credit Hours: 3

**Purpose of Course:**

Degree Requirement
Degree Elective
General Education
Certification
Developmental
Other

Prerequisite(s)

ICS 101
ENG 90's or Placement into Credit

**Signature, Curriculum Committee Chairperson**

[Signature]

10/7/2013

**Signature, Dean of Academic Affairs**

[Signature]

10/7/13

**Signature, Vice President of Academic and Student Affairs**

[Signature]

10/7/13

Last Date reviewed or revised: ________
I. Introduction to Information Systems for Health Managers

II. Course Outcomes

A. General Outcomes

The student will:

1. Describe basic health data necessary for decision making and program planning (NURS 2)
2. Review and analyze vital statistics and other health data for program planning (NURS 2)
3. Apply basic concepts in epidemiology to evaluate evidence used in decision making (NURS 2)

B. Specific Outcomes

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

1. Describe patterns of morbidity, mortality, and other important health indicators from currently available vital statistics and demographic data in the country
2. Develop a Public Health program to address a health issue based on the Ministry of Health's vital and health statistics reports
3. Use screening and surveillance tools to monitor the health status of a specific population and to prevent disease outbreak

III. Course Content

This course introduces the concepts and principles of health information systems for program planning and decision making.

1. Health information and planning
2. Data recording, coding, processing, and analyzing
3. Health status assessment and health information systems
4. Identification, investigation and control of an epidemic
5. Statistical software

VI. Methods of Instruction

1. Lecture
2. Discussions
3. Presentations

VII. Equipment and Materials

1. Audio visual media
2. Computers
3. Statistical software
VIII. Suggested Methods of Evaluation

1. Tests
2. Group discussions
3. Oral presentations

Letter grades will be assigned per CMI Grading System.