

**Course Outcomes Guide  
Spring 2013**

**Course/Program Title:** MAP 110 Introduction to Health Science Professions

**Date:** 5/29/13 SP 2013 semester

**Course/Program Team:** Melanie Rowland, Dawn Nally, Debra Harper

**Expected Learning Outcomes:**

1. Demonstrate understanding of ethnic, cultural and racial differences related to health care.
2. Demonstrate a basic understanding of infection control components.
3. Recognize basic concepts of professional communication in health care.
4. Describe basic understanding of ethical/legal guidelines for healthcare practice.

**Assessment**

Course completion: Number passing at 75% or greater.

Course Outcomes: Common final exam for item analysis:

|           |  |
|-----------|--|
| CO 1 Q 36 | (Culture uniformity)                   |
| CO 1 Q 37 | (Racial distribution in ethnic groups) |
| CO 1 Q 46 | (Characteristics of a culture)         |
| CO 1 Q 88 | (Bias, prejudice)                      |
| CO 2 Q 5  | (Infectious body fluids)               |
| CO 2 Q 27 | (Standard Precautions)                 |
| CO 2 Q 28 | (Microorganism growth)                 |
| CO 2 Q 82 | (Chain of infection)                   |
| CO 3 Q 3  | (Competence of the elderly)            |
| CO 3 Q 43 | (HIPAA)                                |
| CO 3 Q 62 | (empathy)                              |
| CO 4 Q 7  | (modern health care dilemmas)          |
| CO 4 Q 8  | (state health professions standards)   |

**Validation**

Completion of course with an average grade of 75% or higher.  
Common exam question accuracy rate of 75% or higher

## Results - Lecture Based

Course completion:

80% (16/20 students) completed the course with a grade of 75% or higher  
20% (4/20 students) completed the course below 75%; of these, 2 were “walk away” F grades. Students were encouraged to withdraw from the course but did not.

Course outcomes:

|           |  |      |
|-----------|--|------|
| CO 1 Q 36 | (Culture uniformity)                   | 89%  |
| CO 1 Q 37 | (Racial distribution in ethnic groups) | 89%  |
| CO 1 Q 46 | (Characteristics of a culture)         | 100% |
| CO 1 Q 88 | (Bias, prejudice)                      | 67%  |
| CO 2 Q 5  | (Infectious body fluids)               | 100% |
| CO 2 Q 27 | (Standard Precautions)                 | 100% |
| CO 2 Q 28 | (Microorganism growth)                 | 67%  |
| CO 2 Q 82 | (Chain of infection)                   | 44%  |
| CO 3 Q 3  | (Competence of the elderly)            | 100% |
| CO 3 Q 43 | (HIPAA)                                | 100% |
| CO 3 Q 62 | (empathy)                              | 100% |
| CO 4 Q 7  | (modern health care dilemmas)          | 83%  |
| CO 4 Q 8  | (state health professions standards)   | 100% |

## Follow-up – Lecture Based

Course Outcome 1 – Bias, prejudice, and stereotyping

Instructor to incorporate extra in class assignments and homework activity such as

- List the basic characteristics of a culture, ethnicity and a race.
- List 3 methods that can be used to show respect for cultural diversity

Course Outcome 2 – Microorganism growth and the Chain of Infection

Instructor to incorporate extra in-class assignments and homework activity such as:

- List the five classes of microorganisms by describing the characteristics of each class and give an example.
- List the classifications of bacteria by shape and give (2) examples of diseases caused by each class.
- List the 6 components of the chain of infection
- Draw the chain of infection and identify the three (3) ways to break each section of the chain

Students who stop attending will be encouraged to withdraw to avoid a failing grade.

## Results – Hybrid Delivery

Course completion:

83% (25/30 students) completed the course with a grade of 75% or higher  
17% (5/30 students) completed the course below 75%; of these, 3 were “walk away” F grades. Students were encouraged to withdraw from the course but did not.

Course outcomes:

|           |  |      |
|-----------|--|------|
| CO 1 Q 36 | (Culture uniformity)                   | 78%  |
| CO 1 Q 37 | (Racial distribution in ethnic groups) | 78%  |
| CO 1 Q 46 | (Characteristics of a culture)         | 93%  |
| CO 1 Q 88 | (Bias, prejudice)                      | 89%  |
| CO 2 Q 5  | (Infectious body fluids)               | 100% |
| CO 2 Q 27 | (Standard Precautions)                 | 93%  |
| CO 2 Q 28 | (Microorganism growth)                 | 56%  |
| CO 2 Q 82 | (Chain of infection)                   | 56%  |
| CO 3 Q 3  | (Competence of the elderly)            | 96%  |
| CO 3 Q 43 | (HIPAA)                                | 100% |
| CO 3 Q 62 | (empathy)                              | 100% |
| CO 4 Q 7  | (modern health care dilemmas)          | 81%  |
| CO 4 Q 8  | (state health professions standards)   | 100% |

## Follow-up

Course Outcome 2 – Microorganism growth and the Chain of Infection

Instructor to incorporate extra in-class assignments and homework activity such as:

- List the five classes of microorganisms by describing the characteristics of each class and give an example.
- List the classifications of bacteria by shape and give (2) examples of diseases caused by each class.
- List the 6 components of the chain of infection
- Draw the chain of infection and identify the three (3) ways to break each section of the chain

Students who stop attending will be encouraged to withdraw to avoid a failing grade.

## Budget Justification

None at this time.