

**Health Care Management (formerly Allied Health Management)  
Annual Assessment Report  
2012-2013**

**I. Program History**

**History**

The Allied Health Management program was first offered at Oregon Tech in 2007-2008. This program is still relatively new but enrollment continues to grow albeit, very slowly. As of fall 2012, twelve students were enrolled in the program. Allied Health Management is offered at the Klamath Falls campus and online. Currently 2 Allied Health students are located in Klamath Falls; the remaining 10 students are completing the degree online. The online program graduated its first student spring 2010. Four students graduated with Allied Health Management degrees spring 2012 and one in December 2012 for a total of eight in five years.

Allied Health Management bridges two different disciplines and departments: Allied Health and Management. Students must successfully complete their registry exam, certificate, or license in their chosen allied health field and hold a current license, certificate, or registry to be eligible for admission into the Allied Health Management program. Graduates are prepared to manage labs, departments, and clinics, and to supervise technicians and technologists.

**II. Program Purpose**

The Allied Health Management faculty reviewed the program purpose, objectives, and learning outcomes during the fall faculty meeting, September 2012. The faculty decided that changes to the program and therefore the outcomes were necessary.

Initially, admission requirements to the AHM degree included the successful completion of an Associate's degree in an allied health field as well as a current certificate, registry or license in a specific area. To ease the admissions requirements, the Associate's degree requirement was eliminated in 2011 but enrollment has not improved. Most students inquiring about the degree do not hold an Associate's degree nor credentials in a specific area but are mostly interested in pursuing a bachelor degree with a focus on health care management. These are often students who, for whatever reason, are no longer pursuing a degree in Medical Imaging, Respiratory Care or Dental Hygiene but wish to continue their education in some health care related field. With the current admissions requirements, the student is ineligible for the degree and goes another direction.

To retain these students and attract new students, it was proposed that the Allied Health Management Degree name should be changed to Health Care

Management and the admissions requirement of the 44 transfer credits with credentials be eliminated.

With the name changed to Health Care Management three options or tracks were proposed. An Administrative option would be offered for students interested in health care management but who do not have allied health credentials. A second option, Radiologic Science Management would be for radiologic science degree completion students who would be granted credits for their Registry. This degree option was a result of the continual difficulty degree completion Radiologic Science students encountered when trying to obtain the hands-on clinical work the degree required. In offering the Management option, degree completion students could accomplish the goal of a BS in Radiologic Science. These students will earn a Bachelor of Science in Health Care Management: Radiologic Science Management Option. The third option, the Clinical option, is the former AHM curriculum with minor changes.

Management faculty will be responsible for the assessment and quality of the courses and it is expected the degree will become accredited by the International Assembly of Collegiate Business Education (IACBE), an added benefit to students.

In the spring of 2013, the proposals for the HCM BS Radiologic Science option and the HCM BS Administration option were submitted to CPC. The proposal before CPC listed many of the courses now present in the AHM degree. Because of the similarities, some simple revisions to the AHM degree could meet the needs of Radiologic Science students as well as opening the degree up for more students.

The proposals received final approval and the changes will be effective Fall 2013. The three options are describe in the following sections, one for each option.

### **Clinical Option Mission Statement:**

The Allied Health Management degree fully prepares students to assume managerial/supervisory positions in their specific allied health specialty anywhere in the United States.

The degree name was changed to Health Care Management, Clinical Option. The statement regarding “specific allied health specialty” was stricken from the mission allowing for graduates to potentially assume a managerial/supervisory position in any health care clinic, department, or lab.

**Educational Objectives:**

Health Care Management Clinical Option graduates have the knowledge and skills necessary for positions of responsibility and management in a variety of health care settings.

**Student Learning Outcomes:**

The Health Care Management program consists of the eight core Management Department student learning outcomes plus three Clinical Option specific outcomes. Upon completion of this program, graduates will be able to:

1. Demonstrate an understanding of the functional areas of accounting, marketing, finance, management, and economics.
2. Demonstrate an understanding of the legal and social environment of business.
3. Demonstrate an understanding of the global environment of business.
4. Demonstrate an understanding of the ethical obligations and responsibilities of business.
5. Demonstrate the ability to use business tools.
6. Demonstrate the ability to communicate effectively.
7. Demonstrate the ability to apply knowledge of business concepts and functions in an integrated manner.
8. Demonstrate the ability to work effectively in teams and/or groups.
9. Demonstrate supervisory and management skills.
10. Demonstrate knowledge of management within the U.S. Health Care System.
11. Demonstrate knowledge of issues relating to U.S. Health Care Reform.

**III. Assessment Cycle**

Program-Specific Learning Outcomes	2013-14	2014-15	2015-16
9. Demonstrate supervisory and management skills.		X	
10. Demonstrate knowledge of management within the U.S. Health Care System.			X
11. Demonstrate knowledge of issues relating to U.S. Health Care Reform.	X		

### **Methods to assess outcomes**

Assessment results for the eight core student learning outcomes are reported separately and can be found on the Oregon Tech website under IACBE Public Disclosure of Student Learning. Program-specific learning outcomes (PSLOs 9-11) will be assessed annually. The courses to be used will be determined in the Fall 2013 assessment meeting.

### **Administration Option Mission Statement:**

The HCM Administration Option degree fully prepares students to assume managerial/supervisory position in any health care clinic, hospital department, or health care related management related position in the United States.

### **Educational Objectives:**

The Health Care management degree provides students with the knowledge and skills necessary to competently manage a health care facility.

### **Student Learning Outcomes:**

The HCM Administration option consists of the eight core Management Department student learning outcomes plus one program specific outcome. Upon completion of this program, Health Care Management graduates will be able to:

1. Demonstrate an understanding of the functional areas of accounting, marketing, finance, management, and economics.
2. Demonstrate an understanding of the legal and social environment of business.
3. Demonstrate an understanding of the global environment of business.
4. Demonstrate an understanding of the ethical obligations and responsibilities of business.
5. Demonstrate the ability to use business tools.
6. Demonstrate the ability to communicate effectively.
7. Demonstrate the ability to apply knowledge of business concepts and functions in an integrated manner.
8. Demonstrate the ability to work effectively in teams and/or groups.
9. Explain the unique interplay of cost, quality, and access in healthcare.

### **III. Assessment Cycle**

Program-Specific Learning Outcomes	2013-14	2014-15	2015-16
9. Explain the unique interplay of cost, quality and access in healthcare.	X	X	X

### **Methods to assess outcomes**

Assessment results for the eight core student learning outcomes are reported separately and can be found on the Oregon Tech website under IACBE Public Disclosure of Student Learning.

Due to the new option and low enrollment numbers, the program SLO will be evaluated every year. The courses to be used will be determined in the Fall 2013 assessment meeting.

### **Radiologic Sciences Management Option Mission Statement:**

The mission of the Radiologic Science Management option is to provide ARRT registered Radiologic Technologists a Bachelor of Science degree from a distance education program that furthers the student's knowledge and provides opportunities for career advancement in the areas of supervision and middle management in a medical imaging environment.

#### **Educational Objectives:**

The Health Care Management degree provides students with the knowledge and skills necessary to competently manage a clinical facility. The Radiologic Management option's educational objectives are to:

1. Maintain a degree completion curriculum with emphasis on management of medical imaging services.
2. Provide a B.S. degree in Radiologic Science with core courses directly applicable to the technologist-student seeking advancement or a leadership role in the profession.
3. Further the distance student's knowledge for providing effective healthcare in the clinical setting

The program incorporates courses from Oregon Tech that are time tested and central to the best practices in management. This education will further the knowledge and attitudes of those who aspire to lead and shape the future of healthcare through efficient and effective administration at middle management levels.

#### **Educational Objectives**

This program offers ARRT certified radiologic technologists in good standing a four year degree with emphasis in the management of a medical imaging facility. The program is fully online with no requirement to come to campus, and no clinical practice involving patient contact.

The program objectives are to:

1. Maintain a degree completion curriculum with emphasis on supervision and management of medical imaging services.
2. Further the distance student's knowledge for providing effective health care in the clinical setting.
3. Provide a quality degree program that recognizes the achievement of passing the national registry. Retaining a core of courses from the Radiology Registry are directly applicable to the technologist-student seeking advancement or a leadership role in the profession.
4. Address quality of healthcare issues through the continued learning of working professionals.

**Student Learning Outcomes:**

The HCM Radiologic Science Management option consists of the eight core Management Department student learning outcomes plus four program specific outcomes. Upon completion of this program, Health Care Management graduates will be able to:

1. Demonstrate an understanding of the functional areas of accounting, marketing, finance, management, and economics.
2. Demonstrate an understanding of the legal and social environment of business.
3. Demonstrate an understanding of the global environment of business.
4. Demonstrate an understanding of the ethical obligations and responsibilities of business.
5. Demonstrate the ability to use business tools.
6. Demonstrate the ability to communicate effectively.
7. Demonstrate the ability to apply knowledge of business concepts and functions in an integrated manner.
8. Demonstrate the ability to work effectively in teams and/or groups.

**Specific outcomes for the Radiologic Sciences Management option:**

9. Select the elements of quality assurance and describe how each is related to the quality assurance program.
10. Identify state and federal agency regulations, inspections, and enforcement as they relate to quality assurance.
11. Identify test material/equipment, test procedures, and data analysis relating to the quality assurance program at a facility.
12. Recognize repeat/reject analysis and identify objectives of a repeat/reject analysis program.

### III. Assessment Cycle:

Program-Specific Learning Outcomes	2013-14	2014-15	2015-16
9. Select the elements of quality assurance and describe how each is related to the quality assurance program.	X		
10. Identify state and federal agency regulations, inspections, and enforcement as they relate to quality assurance		X	
11. Identify test material/equipment, test procedures, and data analysis relating to the quality assurance program at a facility.			X
12. Recognize repeat/reject analysis and identify objectives of a repeat/reject analysis program.	X		

#### Methods to assess outcomes

Assessment results for the eight core student learning outcomes are reported separately and can be found on the Oregon Tech website under IACBE Public Disclosure of Student Learning.

The courses to be used will be determined in the fall 2013 assessment meeting.

### IV. 2012-2013 Assessment Activities

The work for this year included the development of mission, objectives and outcomes for each program option and the submission of CPC paperwork for program approval beginning fall 2013. Performance criteria and rubrics for each outcome will be developed during fall 2013. Faculty will identify the courses used to assess the outcomes, identify two direct measures and one indirect measure for each outcome during fall 2013 Convocation. This plan will be implemented in 2013-14 when enrollment increases.

### V. Changes Resulting From Assessment

The changes are described in section II.