

**Course Outcomes Guide
Fall 2016**

Course/Program Title: MAP 102 Medical Terminology

Date: 12/20/16 FA16

Course/Program Team: Michele Buzard

Expected Course Outcomes:

1. Demonstrate ability to build, define, and correctly spell medical terms to insure accurate documentation
2. Demonstrate basic knowledge of medical terminology associated with body systems, signs and symptoms, diseases, disorders, treatments, procedures and devices.

Assessment

Course completion: Number passing at 75% or greater.

Course Outcomes: Common final exam with 3 sections for item analysis:
CO #1 Questions: word part definition, word building
CO #2 Questions: abbreviation definition
CO #2 Questions: pathophysiology

Validation

Course Completion

Completion of course with an average grade of 75% or higher.

Course Outcome 1 Common Final Exam Questions: 75% will get > 75% correct

Questions word part definition
Questions word building

Course Outcome 2 Common Final Exam Questions: 75% will get > 75% correct

Questions abbreviation definition
Questions pathophysiology

Results LECTURE BASED SECTIONS

Course Completion:

71% (10/14 students) completed the course with a grade of 75% or higher
29% (4/14 students) completed the course with a grade less than 75%. Of these, 2 were “walk away” F grades. Repeated contacts were made to encourage these students to withdraw from the course, but they did not.

No data available for other lecture based section.

Course Outcomes (Common Final Exam Questions): (N=72)

Course Outcome 1: 75% of students get >75% correct

Questions	word definition	81%
Questions	word building	87%

Course Outcome 2:

Questions	abbreviation definition	77%
Questions	pathophysiology	93%

Follow-up

Students met outcome targets in all 4 categories for the first time since the data has been accumulated and analyzed. Instructors to continue to use identified techniques when teaching.

“Walk Away” failing grades have increased tremendously. Many students with financial aid have packages that do not allow students to withdraw or to change to audit status. To remind students to withdraw is not going to work with these restrictions.

The first suggestion for working to reduce the number of “walk away” students is to educate HCC advisors about the rigor of the Medical Terminology course so that they can better advise potential students, identify students at risk, and assist students to analyze their choice of major.

Additional worksheets were provided to students to assist in mastering terminology and this will continue. In addition, students and the instructor saw a need to revise the course to cover one entire chapter and then be tested. This will be discussed with the other instructor and Division Chair as a possibility for Summer 2017. More discussions and interaction will be incorporated into the lecture based class for Spring 2017.

Lastly, the Learning Support Center should be encouraged to hire more allied health tutors to assist students struggling with entry level health science courses like Medical Terminology.

Results ONLINE DELIVERY

Course Completion:

51% (18/35 students) completed the course with a grade of 75% or higher
49% (17/35 students) completed the course with a grade less than 75%. Of these, 4 were “walk away” F grades. Repeated contacts were made to encourage these students to withdraw from the course, but they did not.

Course Outcomes (Common Final Exam Questions): (N=57)

Course Outcome 1: 75% of students get >75% correct

Questions	word definition	75%
Questions	word building	80%

Course Outcome 2:

Questions	abbreviation definition	69%
Questions	pathophysiology	87%

Follow-up

Combining both online sections’ data, the % of students passing the class was very low. Instructors will continue to provide worksheets and post them for each chapter and offer extra credit as an encouragement to students to complete the exercises. The discussion forum questions have been revised as follows: 7 forums, 1 scenario each, responses required from classmates that further the discussion. This will be more interactive for students with the goal of more understanding of medical terminology.

Students did not meet outcome 2 in the category of abbreviation definition. Instructors to continue to provide additional abbreviation exercise worksheets and post for each chapter and offer extra credit as an encouragement to students to complete the exercises.

“Walk Away” failing grades still exist. Many students with financial aid have packages that do not allow students to withdraw or to change to audit status. To remind students to withdraw is not going to work with these restrictions.

The first suggestion for working to reduce the number of “walk away” students is to educate HCC advisors about the rigor of the Medical Terminology course so that they can better advise potential students, identify students at risk, and assist students to analyze their choice of major. Lastly, the Learning Support Center should be encouraged to hire more allied health tutors to assist students struggling with entry level health science courses like Medical Terminology.