

Course Assessment Report
Washtenaw Community College

Discipline	Course Number	Title
Medical Billing and Coding	215	MBC 215 04/25/2019-Introductory Procedural Coding
Division	Department	Faculty Preparer
Health Sciences	Health Science	Sheryl Krey
Date of Last Filed Assessment Report		

I. Review previous assessment reports submitted for this course and provide the following information.

1. Was this course previously assessed and if so, when?

No

2. Briefly describe the results of previous assessment report(s).

3.

4. Briefly describe the Action Plan/Intended Changes from the previous report(s), when and how changes were implemented.

5.

II. Assessment Results per Student Learning Outcome

Outcome 1: Perform basic hands-on encoding of procedures from narratives and other sources of information about patient care and treatment.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter 2017
 - Course section(s)/other population: All sections
 - Number students to be assessed: All students
 - How the assessment will be scored: Answer Key/Checklist
 - Standard of success to be used for this assessment: 75% of students will score 75% or higher on exam.

- Who will score and analyze the data: Departmental Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2018, 2017		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
26	26

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students were assessed for this course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This course is an evening, face to face class.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The practical exam is a software program used to assess the students' learning of the narratives and sources of information from different scenarios related to patient care and treatment.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes
 All students (100%) scored 78% or above. The exam showed that the students need further education to assist with their learning and understanding of the material.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

While the majority of the class performed very well, there were also a few students who may have needed assistance. Those that performed well knew the procedures and how to follow them to prepare a medical claim for reimbursement.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

The assessment showed that the percentage was very close to the standard of success. While the majority of the class appeared to have understood, it may be one or two students who may need to be assertive and spend additional time studying the procedures for proper coding. One on one may be useful to these students.

Outcome 2: Demonstrate principles of, distinguish, and accurately apply ICD-10-PCS, CPT-4, and HCPCS procedure coding systems.

- Assessment Plan
 - Assessment Tool: Practical exam
 - Assessment Date: Winter 2017
 - Course section(s)/other population: All sections
 - Number students to be assessed: All students
 - How the assessment will be scored: Answer Key/Checklist
 - Standard of success to be used for this assessment: 75% of students will score 75% or higher on exam.
 - Who will score and analyze the data: Departmental Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2017, 2018		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
26	26

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students in the course were assessed.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This is an evening, face to face class.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

This was an exam with extra credit. This exam was T/F, multiple choice and short answer. These questions all pertained to the medical codes. The student had to be fully aware of how to distinguish between the ICD-10, CPT and HCPCS codes and use them appropriately.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: Yes

This exam that included extra credit provided the students to exceed the 100% grade. Majority of the students accepted the challenge and completed the extra credit. All of the students showed that they were able to comprehend the course material as they all passed with 80% or greater. 92% of the students reached this goal. The percentage was received by tallying up the number of students who were 80% and greater and dividing that by the total number of students.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

The students had a strong knowledge and understanding of the principles of coding, using the ICD-10, CPT and HCPCS. The strong grades reflected the students' understanding.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

This course met the standard of success. The instructor could provide additional guidance, including where to find helpful resources.

Outcome 3: Use official coding guidelines and reporting requirements for code assignment.

- Assessment Plan

- Assessment Tool: Practical exam
- Assessment Date: Winter 2017
- Course section(s)/other population: All sections
- Number students to be assessed: All students
- How the assessment will be scored: Answer Key/Checklist
- Standard of success to be used for this assessment: 75% of students will score 75% or higher on exam.
- Who will score and analyze the data: Departmental Faculty

1. Indicate the Semester(s) and year(s) assessment data were collected for this report.

Fall (indicate years below)	Winter (indicate years below)	SP/SU (indicate years below)
2018, 2017		

2. Provide assessment sample size data in the table below.

# of students enrolled	# of students assessed
26	26

3. If the number of students assessed differs from the number of students enrolled, please explain why all enrolled students were not assessed, e.g. absence, withdrawal, or did not complete activity.

All students were assessed for this course.

4. Describe how students from all populations (day students on campus, DL, MM, evening, extension center sites, etc.) were included in the assessment based on your selection criteria.

This is an evening, face to face course.

5. Describe the process used to assess this outcome. Include a brief description of this tool and how it was scored.

The exam for this course was a practical exam with T/F questions, fill in the blank, and multiple choice answers. This exam tested the knowledge of codes assigned and usage of the guidelines for medical coding and reporting.

6. Briefly describe assessment results based on data collected for this outcome and tool during the course assessment. Discuss the extent to which students achieved this

learning outcome and indicate whether the standard of success was met for this outcome and tool.

Met Standard of Success: <u>Yes</u>
92% of the students scored 80% or above.

7. Based on your interpretation of the assessment results, describe the areas of strength in student achievement of this learning outcome.

The exam showed how the students performed with the use of coding guidelines and reporting requirements. With short answers, the students needed to prove they were using the required information correctly. Their success is demonstrated by the overall high percentage.

8. Based on your analysis of student performance, discuss the areas in which student achievement of this learning outcome could be improved. If student met standard of success, you may wish to identify your plans for continuous improvement.

This course met the standard of success and repeating information with the students has proven to be advantageous. The students showed a true understanding of the codes following the guidelines for medical reimbursement.
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III. Course Summary and Intended Changes Based on Assessment Results

1. Based on the previous report's Intended Change(s) identified in Section I above, please discuss how effective the changes were in improving student learning.

No changes have been made to this course, as the structure seems sound.

2. Describe your overall impression of how this course is meeting the needs of students. Did the assessment process bring to light anything about student achievement of learning outcomes that surprised you?

The outcomes were very good, while a few students showed slightly lower grades. Over all, it was impressive how well the class performed.

3. Describe when and how this information, including the action plan, was or will be shared with Departmental Faculty.

No changes will be made at this time, but should any changes be necessary, the changes should go to the Division Head prior to being implemented.

4. Intended Change(s)

Intended Change	Description of the change	Rationale	Implementation Date
Course Materials (e.g. textbooks, handouts, on-line ancillaries)	Provide additional worksheets with real-life scenarios and coding examples.	Encourage more practice which should result in better outcomes and a deeper knowledge of medical coding.	2019

5. Is there anything that you would like to mention that was not already captured?

6.

III. Attached Files

[MBC 215 Data](#)

Faculty/Preparer: Sheryl Krey **Date:** 04/25/2019

Department Chair: Rene Stark **Date:** 04/26/2019

Dean: Valerie Greaves **Date:** 05/03/2019

Assessment Committee Chair: Shawn Deron **Date:** 06/25/2019