

PROGRAM ASSESSMENT PLAN AND ASSESSMENT REPORT (Academic Year 2017-2018)

Program: Certificate in Applied Science in Medical Coding

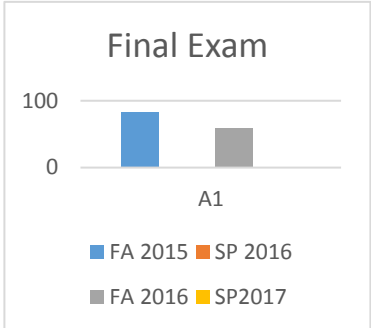
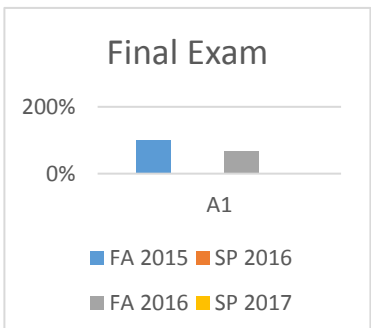
A. Program Learning Outcomes Summary			
Program Learning Outcome		Primary Targeted Courses	Methods of Assessment
A1	Apply diagnostic and procedure principles and guidelines	MEDC201, MEDC203, MEDC205, MEDC240	Comprehensive Final Exam Homework/Quizzes
A2	Use medical office billing guidelines and procedures	MEDC150	Comprehensive Final Exam Homework/Quizzes
A3	Utilize medical terminology as well as knowledge of human anatomy and physiology, and basic pharmacology to assign medical codes	MEDC101	Exams Comprehensive Final Exam Homework/Quizzes
A4	Interpret medical records for completeness, accuracy, and compliance with regulations	MEDC201, MEDC203, MEDC205, MEDC240, MEDC250	Comprehensive Final Exam Homework/Quizzes End of Semester Presentation

Course Key Listing

MEDC 101	Medical Terminology	MEDC 205	CPT/HCPCS Medical Coding
MEDC 150	Insurance Billing	MEDC 240	Advanced Coding Concepts
MEDC 201	Diagnostic Medical Coding	MEDC 250	Medical Coding Directed Practicum (160) hours
MEDC 203	Procedural Medical Coding		

B. Analysis of Results – CAS in Medical Coding

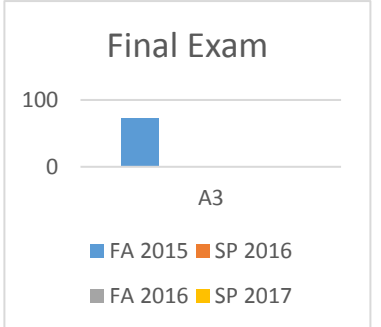
Analysis of Results

Performance Measure (Competency)	Description of Measurement	Areas of Success	Analysis and Action Taken	Results of Actions Taken (during the following year)	Insert Graph or Chart of Resulting Trends (graph up to five years of data)
A1 Apply diagnostic and procedure principles and guidelines	MEDC201 - 75% of students receive 75% or better on Final Exam	<p>MEDC201 – 77.75 of students scored 75% or better on the Final Exam in the face to face course</p> <p>MEDC201 – 82.28 of students scored 75% or better on the Final Exam in the online course</p>	Objective was met for the online and face to face courses.	No further action needed. Another year of data needed before changing the measure.	
	MEDC203 - 75% of students receive 75% or better on Final Exam	<p>MEDC203 – 79.5% of students scored 75% or better on the Final Exam in the face to face course.</p> <p>MEDC203 – 44% of students scored 75% or better on the Final Exam in the online course. One student’s participation is course was minimal</p>	Objective was met for course.	No further action needed. Another year of data needed before changing the measure.	
				Objective was not met	This was the first semester to offer online. Keep the current measure for another year of data

B. Analysis of Results – CAS in Medical Coding

	<p>MEDC205 - 75% of students receive 75% or better on Final Exam</p>	<p>MEDC205 – 81% of students scored 75% or better on the Final Exam</p>	<p>Objective was met for course. No change is needed at this time.</p>		<table border="1" style="display: none;"> <caption>Final Exam A1 Data</caption> <thead> <tr> <th>Term</th> <th>Score (%)</th> </tr> </thead> <tbody> <tr> <td>FA 2015</td> <td>0</td> </tr> <tr> <td>SP 2016</td> <td>85</td> </tr> <tr> <td>FA 2016</td> <td>0</td> </tr> <tr> <td>SP 2107</td> <td>65</td> </tr> </tbody> </table>	Term	Score (%)	FA 2015	0	SP 2016	85	FA 2016	0	SP 2107	65
Term	Score (%)														
FA 2015	0														
SP 2016	85														
FA 2016	0														
SP 2107	65														
	<p>MEDC240 - 70% of students receive 70% or better on Final Exam</p>	<p>MEDC240 –78% of students scored 70% or better on the Final Exam</p>	<p>Objective was met for the course. No change is needed at this time.</p>		<table border="1" style="display: none;"> <caption>Final Exam A1 Data</caption> <thead> <tr> <th>Term</th> <th>Score (%)</th> </tr> </thead> <tbody> <tr> <td>FA 2015</td> <td>0</td> </tr> <tr> <td>SP 2016</td> <td>78</td> </tr> <tr> <td>FA 2016</td> <td>0</td> </tr> <tr> <td>SP 2017</td> <td>70</td> </tr> </tbody> </table>	Term	Score (%)	FA 2015	0	SP 2016	78	FA 2016	0	SP 2017	70
Term	Score (%)														
FA 2015	0														
SP 2016	78														
FA 2016	0														
SP 2017	70														
<p>A2 Use medical office billing guidelines and procedures</p>	<p>MEDC150 - 70% of students receive 70% or better on Final Exam</p>	<p>MEDC150 – 83.47% of students scored 70% or better on the Final Exam in the face to face course</p> <p>68% of students scored 70% or better on the Final Exam for online.</p>	<p>Objective was met for the course. No change is needed at this time.</p>		<table border="1" style="display: none;"> <caption>Final Exam A2 Data</caption> <thead> <tr> <th>Term</th> <th>Score (%)</th> </tr> </thead> <tbody> <tr> <td>FA 2015</td> <td>80</td> </tr> <tr> <td>SP 2016</td> <td>0</td> </tr> <tr> <td>FA 2016</td> <td>78</td> </tr> <tr> <td>SP 2017</td> <td>0</td> </tr> </tbody> </table>	Term	Score (%)	FA 2015	80	SP 2016	0	FA 2016	78	SP 2017	0
Term	Score (%)														
FA 2015	80														
SP 2016	0														
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SP 2017	0														
	<p>MEDC 150 – 70% of students receive 70% or better on all exercises for SimChart</p>	<p>MEDC 150 – due to difficulty with SimChart text and process, was not used for calculation this year.</p>		<p>SimChart was implemented Fall 2016.</p>											

B. Analysis of Results – CAS in Medical Coding

<p>A3 Utilize medical terminology as well as knowledge of human anatomy and physiology, and basic pharmacology to assign medical codes</p>	<p>MEDC101 - 70% of students receive 70% or better on Final Exam</p>	<p>MEDC101 – 61% of students scored 70% or better on the Final Exam. This was an online class.</p>	<p>Objective of the course was not met. Some students did not complete assignments. No action recommended at this time.</p>	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center; margin: 0;">Final Exam</p>  <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <caption>Final Exam Data</caption> <thead> <tr> <th>Term</th> <th>Score (%)</th> </tr> </thead> <tbody> <tr> <td>FA 2015</td> <td>70</td> </tr> <tr> <td>SP 2016</td> <td>0</td> </tr> <tr> <td>FA 2016</td> <td>0</td> </tr> <tr> <td>SP 2017</td> <td>0</td> </tr> </tbody> </table> </div>	Term	Score (%)	FA 2015	70	SP 2016	0	FA 2016	0	SP 2017	0
Term	Score (%)													
FA 2015	70													
SP 2016	0													
FA 2016	0													
SP 2017	0													

<p>A4 Interpret medical records for completeness, accuracy, and compliance with regulations</p>	<p>MEDC201 - 75% of students receive 75% or better on Final Exam</p> <p>MEDC203 - 75% of students receive 75% or better on Final Exam</p> <p>MEDC205 - 75% of students receive 75% or better on Final Exam</p>	<p>MEDC201 – 77.75% of students scored 75% or better on the Final Exam in the face to face course.</p> <p>MEDC201 – 82% of students scored 75% or better on the Final Exam in the online course.</p> <p>MEDC203 – 79.5% of students scored 75% or better on the Final Exam in the face to face course.</p> <p>MEDC203 – 44% of students scored 75% or better on the Final Exam in the face to face course</p> <p>MEDC205 –81% of students scored 75% or better on the Final Exam</p>	<p>Objective was met for course.</p> <p>Objective was met for face to face course.</p> <p>Objective was not met for online course. Some students did not participate in all aspects of the course</p> <p>Objective was met for course.</p>		<p>Final Exam</p> <p>100 0</p> <p>A4</p> <p>■ FA 2015 ■ SP 2016 ■ FA 2016 ■ SP2017</p> <p>Final Exam</p> <p>10000% 0%</p> <p>A4</p> <p>■ FA 2015 ■ SP 2016 ■ FA 2016 ■ SP 2017</p> <p>Final Exam</p> <p>100 0</p> <p>A4</p> <p>■ FA 2015 ■ SP 2016 ■ FA 2016 ■ SP 2107</p>
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B. Analysis of Results – CAS in Medical Coding

	<p>MEDC240 - 70% of students receive 70% or better on Final Exam</p>	<p>MEDC240 –78 of students scored 70% or better on the Final Exam</p>	<p>Objective was met for course. No change at this time.</p>	<div style="text-align: center;"> <table border="1" style="margin: 10px auto;"> <caption>MEDC240 Final Exam A4</caption> <thead> <tr> <th>Term</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>SP 2016</td> <td>70</td> </tr> <tr> <td>SP 2017</td> <td>72</td> </tr> </tbody> </table> </div>	Term	Score	SP 2016	70	SP 2017	72
Term	Score									
SP 2016	70									
SP 2017	72									
	<p>MEDC250 – 80% of students will receive 80% or better on the reflective paper and presentation to represent their practicum experience</p>	<p>MEDC250 – 91.3% of students scored 80% or better on the reflective paper and presentation to represent their practicum experience</p>	<p>Objective was met for course. No change at this time.</p>	<div style="text-align: center;"> <table border="1" style="margin: 10px auto;"> <caption>MEDC250 Final Exam A4</caption> <thead> <tr> <th>Term</th> <th>Score</th> </tr> </thead> <tbody> <tr> <td>SP 2016</td> <td>100</td> </tr> <tr> <td>SP 2017</td> <td>95</td> </tr> </tbody> </table> </div>	Term	Score	SP 2016	100	SP 2017	95
Term	Score									
SP 2016	100									
SP 2017	95									

C. Course Specific Outcomes Assessment Plan

Program Learning Outcome Assessed	Criteria For Evaluation							
		101	150	201	203	240	250	
Apply diagnostic and procedure principles and guidelines	A1			x	x	x	x	
Use medical office billing guidelines and procedures	A2		x					
Utilize medical terminology as well as knowledge of human anatomy and physiology, and basic pharmacology to assign medical codes	A3	x						
Interpret medical records for completeness, accuracy, and compliance with regulations	A4			x	x	x	x	
Assessment Year (2015, 16, 17, 18)								
<u>Methods of Assessment</u>								
Reflective Paper and Presentation							x	At least 90% of students receive 80% on projects according to grading rubric.
Comprehensive Final Exams		X	x	x	x	x		At least 70% of students receive 75% on final exams.
NOCTI Exam							x	Due to the cancellation of the NOCTI availability, an assessment was developed from exam databases. All students took this assessment but it does not have national benchmarking for this Program year.
Homework and/or Quizzes		X	x	x	x	x	x	At least 70% of students accurately complete homework at 75% ratings on or above. 75% of students receive passing quiz grades of 70% or better.

C. Course Specific Assessment Report

Course Selected for Review:

MEDC 205 CPT/HCPCS Medical Coding

<p style="text-align: center;"><u>Program:</u> CAS in Medical Coding</p> <p style="text-align: center;"><u>Date Being Reviewed:</u> 2017-2018</p>	<p style="text-align: center;"><u>Instructor:</u> Maggie McCabe</p> <p style="text-align: center;"><u>Program Coordinator:</u> Maggie McCabe</p>
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	Course Specific Student Learning Outcomes	Methods of Assessment	Criteria for Success	Summary of Assessment Data Collected	Actions Taken Based on Findings
C1	Explain the principles and application of CPT/HCPCS coding methodology	Final Exam	81% of students will score better than 75% on final exam	81% of students scored better than 75% on the exams	Objective was met for course. Criteria increased to 75% this semester.
C2	Conduct analysis to ensure that documentation in the health record supports the diagnosis and reflects the patient's progress, clinical findings, and discharge status	Evaluation and Management Exam	92% of students will score better than 75% on exams	92% of students scored better than 75% on the Exams.	Objective was met for course. Criteria increased to 75% this semester.
C3	Demonstrate the ability to use CPT/HCPCS manuals to correctly assign the correct procedure to and medical record.	Modifier Exercise and Exam 1	84% of students will score better than 75% on modifier exercise and 87% scored better than 75% on Exam 1	84% of students will score better than 75% on modifier exercise and 87% scored better than 75% on Exam 1	Objective was met for course. Criteria increased to 75% this semester.

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	Course Specific Student Learning Outcomes	Methods of Assessment	Criteria for Success	Summary of Assessment Data Collected	Actions Taken Based on Findings
C4	Demonstrate the ability to adhere to current regulations, official coding guidelines, ethical issues and legal implications in code assignment	Study Guide 1 and 2	84% of students will score better than 75% on Study Guide 1 and 90% of students will score better than 75% on Study Guide 2	87% of students scored better than 75% on Study Guide 1 and 2	Objective was met for course. Measurement was changed from previous year.
C5	Recognize the ability to identify medical terms and documentation to code effectively	Module 2 Exam	79% of students will score better than 75% on Module 2 Exam	79% of students scored better than 75% Module 2 Exam	Objective was met for course. No changes needed at this time.