

🌐 Medical Coding and Billing Program (CTS) Professional Competency

Objective Number: 5.1

Objective: Medical Coding and Billing Program (CTS) Professional Competency

Start: 10/31/2017

End: 10/30/2018

Progress: Completed

Provided By: Medical Coding and Billing (CTS)

Participants:
No Roles Selected

Objective With Intended Outcomes: Upon completion of the Medical Billing and Coding Program, students will become entry level allied health professionals with the knowledge base and technical skills to process and manage

1. patient records,
2. billing, and
3. insurance claims.





Program Student Learning Outcomes (SLOs)

Upon the conclusion of the Medical Billing and Coding Certificate of Technical Studies Program, students will demonstrate competency in the following:

1. Clinical Classification Systems (assessed in the [ALLH 1615 course](#))
2. Reimbursement Methodologies (assessed in the [ALLH 1620 course](#))
3. Health Records and Data Content (assessed in the [ALLH 1200 course](#))
4. Compliance (assessed in the ALLH 1200 course)
5. Information Technologies (assessed in the ALLH 1200 course)
6. Confidentiality and Privacy (assessed in the [HCM 2650 course](#))

Each of these SLOs tie to each program outcome.

Note: The Medical Billing and Coding Program is an **online program**. All SLOs are **assessed online**.

-  [Fall 2017 ALLH 1615 Syllabus](#)
-  [Spring 2018 ALLH 1200 Syllabus](#)
-  [Spring 2018 ALLH 1620 Syllabus](#)
-  [Spring 2018 HCM 2650 Syllabus](#)

Assessment/Evaluation/Measures/Strategies: The faculty have established the following procedures to assess the data for SLOs 1-6 above:

1. Clinical Classification Systems - Assessment will take place using the final exam in ALLH 1615 Diagnostic Coding.
2. Reimbursement Methodologies – Assessment will take place using the final exam in ALLH 1620 Health Insurance and Medical Billing.
3. Health Records and Data Content- Assessment will take place using the Chapter 4 test in ALLH 1200 Health Data.
4. Compliance - Assessment will take place using the Chapter 16 test in ALLH 1200 Health Data.
5. Information Technologies - Assessment will take place using Chapter 11 test in ALLH 1200 Health Data.
6. Confidentiality and Privacy - Assessment will take place on the final exam in HCM 2650 Medical Law and Ethics.

The benchmark established is 70% on all assessments. The faculty have established this benchmark based on their own experience and it is considered by LSUE to be the lowest average grade.

Director of IE's Note: Ultimately, in addition to course assessment data, the faculty teaching in the program wish students to take the Certified Coding Associate (CCA) exam upon the conclusion of the program. Each student completing the CCA exam is given a percent correct for each of the six categories and the composite score. The composite score greater to or equal to 300 out of a possible 400 is needed to pass the exam. Students were taking their exams upon the conclusion of the program; however, it is expected that this specific data may have to run one year behind. As a results adjustments, in terms of data, may need to be made and a benchmark would have to be established.

Assessment/Evaluation Results (Progress Report): For AY 2016 - 2017, this objective was met and was revamped this year to better articulate SLOs.

For AY 2017-2018, the assessment was carried out using the established plan.

1. Clinical Classification Systems - For census day Fall 2017, there were 39 students enrolled in two online sections of ALLH 1615 (Diagnostic Coding). In all, 35 (90%) of the 39 students were assessed using the comprehensive final exam for the course. Overall, students scored a mean = 70.8% on the exam containing questions on the clinical classification systems.
2. Reimbursement Methodologies – For census day Spring 2018, there were 30 students enrolled in two online section in ALLH 1620 (Health Insurance and Medical Billing). In all, 28 (93%) of the 30 students enrolled on the 14th day were assessed using the comprehensive final exam for the course. Overall,

students scored a mean = 89% on questions related to reimbursement methodologies.

3. Health Records and Data Content - For Census day Spring 2018, there were 50 students enrolled in two online sections of ALLH 1200 (Health Data). In all, 49 (98%) of the 50 students were assessed using a test on chapter 4 that contained course content specific to this outcome. Overall, students scored a mean = 82.5% on the test related to Health Records and Data Content.
4. Compliance - The ALLH 1200 Health Data was again used to assess students on this objective. In all, 49 (98%) of the 50 students were assessed using a test on chapter 16 specific to this course content. Overall, students scored a mean = 85.7% on the test related to compliance.
5. Information Technologies - The ALLH 1200 (Health Data) course was again used to assess students on this objective. In all, 49 (98%) of the 50 students were assessed using a test on chapter 11 specific to this course content. Overall, students scored a mean = 79.6% on the the test related to Information Technologies.
6. Confidentiality and Privacy - For census day Spring 2018, there were 24 students enrolled in one online section of HCM 2650 (Medical Law and Ethics). In all, 23 (96%) of the 24 students were assessed using a comprehensive final exam. Overall, students scored a mean = 82.4% on the exam containing questions on confidentiality and privacy.

Given that each of the SLOs have observed scores > 70%, each of the SLOs are met and, therefore, the program outcomes are met.

Improvement Plan/ Changes Made: The faculty are hoping that the 3M coding program can be made available to the students because it is used by many hospitals.

Items This Outcomes Assessment Objective Supports

Type	Number	Name	Start Date	End Date	Provider	Progress
Outcomes Assessment Goal	5	Maintain an effective Medical Coding and Billing (CTS) Program	11/01/2017	10/31/2018	Medical Coding and Billing (CTS)	✓