



## Problem

As Health Information Technicians in medical coding, students are expected to be proficient in the management and protection of health records. For medical coders, these concepts are tested in five of the six testing domains in their American Health Information Management Association (AHIMA) Certified Coding Associate (CCA) exam. This is the first time this assessment has been completed, but it was undertaken for one of the keystone courses in the entire medical coding program because these competencies are extremely valued in the passing of the CCA exam.



## Plan

Due to the importance of this coursework, students will be asked to do a pre- and post-test covering the identification and application of rules, regulations, statutes, standards, and processes for the storage, protection, release, and management of medical records. Any deficiencies will be identified and coursework will be modified to improve learning and should contribute to each student's ability to pass the CCA exam.

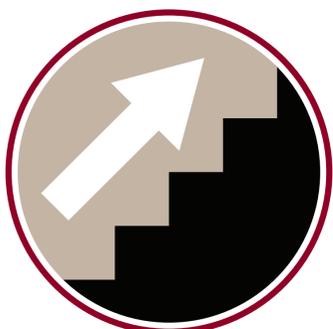
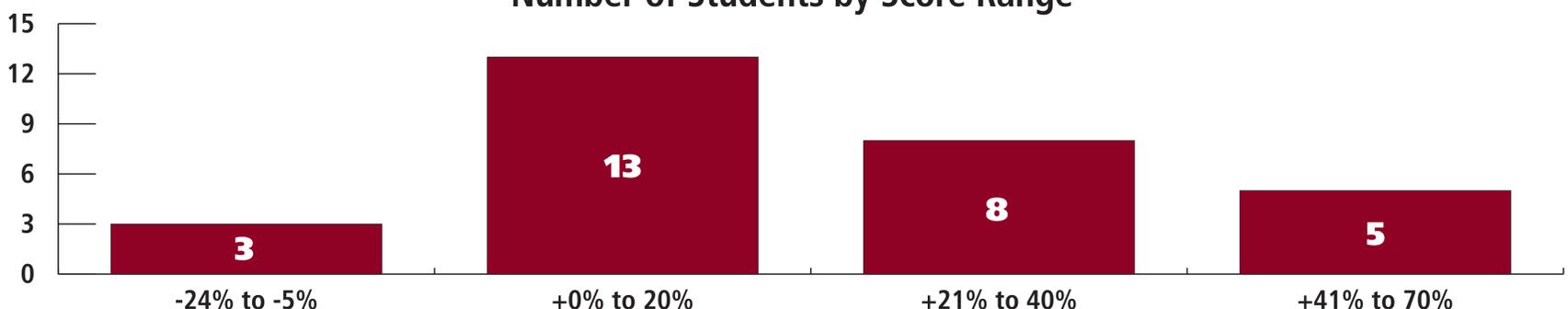


## Assessment Activity

This assessment was first conducted in HIT 111 in Spring 2016 and will continue to be assessed when the course is offered each spring semester. The 29 students assessed in Spring 2016 were scored on a Pre-Test (Week 2) and Post-Test (Week 15) of 39 multiple choice questions (identical tests). The test covers important education applicable to five (of six) domains of the Certified Coding Associate Exam. These domains include: Healthcare Reimbursement, Health Data, Compliance, Information Technology, and Privacy.

## Results and Data

**Change in Performance from Pre-Test to Post-Test**  
Number of Students by Score Range



## Closing the Loop & Next Steps

Changes have been made to incorporate additional activities to emphasize Registries and their functions, including collection methods, storage, and organization. Students will also be encouraged to make flashcards and/or another study aid so they can learn the meanings and applications of acronyms for health information technology (HIT) and health information management (HIM). Learning acronyms will be promoted as an educational activity that will be ongoing throughout the medical coding program. In the future, the projected goal is to see a minimum of 75% of students complete the Post-Test at minimum of 70%