



Health Information Management
University of Alaska Southeast – Sitka Campus

Health Information Management Self-Assessment Report March 2022

Academic Year 2020 - 2021

Program Director

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University of Alaska Southeast (UAS) Health Information Management (HIM)
Assessment of Student Learning Outcomes (SLO) Report for Academic Year (AY)
2020-2021.

1. Program Overview

The UAS HIM Associate of Applied Science (AAS) Degree program was initially accredited by The Commission on Accreditation of Health Informatics and Information Management Education (CAHIIM) in 1998 and holds current accreditation. CAHIIM requires an Annual Program Assessment Report (APAR), and every 7 years a detailed program self-assessment for reaccreditation. The HIM Program obtained reaccreditation in October of 2021.

UAS requires a program self-assessment every 5 years. The program is up to date on each of these reports with the 2021 APAR (covering AY 2019-2020) submitted in May 2021. The last self-assessment was completed in AY 2020-2021 (covering AY 2015–2020).

The HIM program offers an Occupational Endorsement in Healthcare Information Technology, Certificate in Coding, and Privacy and Security, and an AAS in HIM.

The American Health Information Management Association (AHIMA) has made significant changes to the curricula competencies. The UAS HIM curriculum moved from the 2014 AHIMA competencies to the new 2018 competencies in AY 2020-2021. The Program faculty begin working on these new changes the summer of 2019. Program faculty prepared new courses the summer of 2020 in preparation for implementation in fall of 2020.

2. Program Student Learning Outcomes that are mastered Health Information Management Academic Year 2020-2021

Occupational Endorsement Healthcare Information Technology

- Describe components of data dictionaries and data sets
- Apply privacy strategies to health information
- Apply security strategies to health information
- Utilize technologies for health information management
- Report health care data through graphical representations
- Summarize standards for the exchange of health information
- Identify the components of risk management related to health information management
- Identify policies and strategies to achieve data integrity

- Evaluate data dictionaries and data sets for compliance with governance standards
- Apply health informatics concepts to the management of health information
- Describe the concepts of managing data
- Manage data within a database system
- Identify standards for exchange of health information

Certificate

Health Information Management Coding Specialist

- Explain the use of classification systems, clinical vocabularies, and nomenclatures
- Validate assignment of diagnostic and procedural codes and groupings in accordance with official guidelines
- Determine diagnosis and procedure codes according to official guidelines
- Verify reimbursement methodologies
- Describe components of revenue cycle management and clinical documentation improvement
- Summarize regulatory requirements and reimbursement methodologies

Healthcare Privacy and Security

- Describe components of data dictionaries and data sets
- Apply privacy strategies to health information
- Apply security strategies to health information
- Utilize technologies for health information management
- Report health care data through graphical representations
- Summarize standards for the exchange of health information
- Identify the components of risk management related to health information management
- Apply policies, regulations, and standards to the management of information
- Determine compliance of health record content within the health organization
- Identify compliance requirements throughout the health information life cycle
- Apply legal processes impacting health information
- Demonstrate compliance with external forces
- Identify the impact of policy on health care
- Assess ethical standards of practice
- Describe health care organizations from the perspective of key stakeholders
- Utilize data-driven performance improvement techniques for decision making
- Identify policies and strategies to achieve data integrity
- Evaluate data dictionaries and data sets for compliance with governance standards
- Apply health informatics concepts to the management of health information
- Describe the concepts of managing data
- Manage data within a database system

- Identify standards for exchange of health information

Associate of Applied Science Health Information Management

Domain I. Data Structure, Content, and Information Governance

- Describe healthcare organizations from the perspective of key stakeholders
- Apply policies, regulations, and standards to the management of information
- Identify policies and strategies to achieve data integrity
- Determine compliance of health record content within the health organization
- Explain the use of classification systems, clinical vocabularies, and nomenclatures
- Describe components of data dictionaries and data sets
- Evaluate data dictionaries and data sets for compliance with governance standards

Domain II. Information Protection: Access, Use, Disclosure, Privacy, and Security

- Apply privacy strategies to health information
- Apply security strategies to health information
- Identify compliance requirements throughout the health information life cycle

Domain III. Informatics, Analytics, and Data Use

- Apply health informatics concepts to the management of health information
- Utilize technologies for health information management
- Calculate statistics for healthcare operations
- Report health care data through graphical representations
- Describe research methodologies used in healthcare
- Describe the concepts of managing data
- Summarize standards for the exchange of health information
- Manage data within a database system
- Identify standards for exchange of health information

Domain IV. Revenue Cycle Management

- Validate assignment of diagnostic and procedural codes and groupings in accordance with official guidelines
- Describe components of revenue cycle management and clinical documentation improvement
- Summarize regulatory requirements and reimbursement methodologies
- Determine diagnosis and procedure codes according to official guidelines
- Evaluate revenue cycle processes

- Evaluate compliance with regulatory requirements and reimbursement methodologies

Domain V. Health Law and Compliance

- Apply legal processes impacting health information
- Demonstrate compliance with external forces
- Identify the components of risk management related to health information management
- Identify the impact of policy on health care

Domain VI. Organizational Management and Leadership

- Demonstrate fundamental leadership skills
- Identify the impact of organizational change
- Identify human resource strategies for organizational best practice
- Utilize data-driven performance improvement techniques for decision making
- Utilize financial management processes
- Examine behaviors that embrace cultural diversity
- Assess ethical standards of practice
- Describe consumer engagement activities
- Identify processes of workforce training for healthcare organizations

3. How data are collected on Student Learning Outcomes

The HIM Program analyzes the assessment of SLOs based on the results of the Registered Health Information Technician (RHIT) national examination. Graduates of the AAS in HIM are eligible to sit for the RHIT examination in their final semester of the program.

The program maintains detailed reports of every SLO for each course in the program. AHIMA curriculum standards outline 38 SLO for Associate Degree Programs. Every term HIM faculty review at least 19 of those SLOs to ensure students are meeting and exceeding the level of learning required by AHIMA. Program faculty also analyze assessments within every course to ensure the proper level of Blooms taxonomy is met.

In AY 2020-2021 Nineteen SLOs for the 2018 AHIMA curriculum were reviewed. In March 2020, the curriculum committee approved HIM 117 Applied Healthcare Statistics as a newly created course for the HIM program. This course was created to comply with the new AHIMA standards.

4. Data Collected on Student Learning Outcomes during the 2020-2021 academic year

The table below is the RHIT examination data for August 1, 2020 – July 31 2021. The examination is a scaled score model with some test questions having a higher value than others do. The passing score is 60% on the scored scale but equates to at least 300 out of 400 questions, which is a 75% passing score. The yellow highlights indicates a score falling below the 60% threshold for passing. The average national pass rate for first time test takers is 66%.

	Student 1	Student 2	Student 3	Student 4
Student Graduation Date:	05/2021	05/2021	05/2021	05/2021
Student Exam Date:	07/2021	04/2021	04/2021	03/2021
Domain 1: Data content, structure, and information governance	60%	57%	57%	62%
Domain 2: Access, disclosure, privacy and security	72%	64%	64%	72%
Domain 3: Data analytics and use	64%	69%	69%	71%
Domain 4: Revenue cycle management	53%	66%	66%	48%
Domain 5: Compliance	63%	67%	67%	61%
Domain 6: Leadership	67%	64%	64%	72%
Scale score	Fail	Pass	Pass	Pass

*Note for Student 1, 2, and 3 their domain percentage are combined. Student 1 has a combined percentage with a student that took the exam after this reporting period. Student 2 and 3 are combined percentages. AHIMA has stopped reporting percentage rates in each domain for each student and now reports a combined average of all students during a specific period. AHIMA is no longer reporting the overall score for each student only that the student passed or failed. The reporting period is 01/2021- 07/2021. No students took the exam from August 2020 – April 2021.

5. Data Evaluation of Student Learning Outcomes from the previous academic year

Our program goal is to monitor and document examination scores from AHIMA over a 5-year period and achieve a pass rate of 85% or better and to identify domains where students are consistently struggling over a 5-year period. The following are our results in the last 5 years.

- 2017/2018 – 100% student pass rate
- 2018/2019 – 100% student pass rate
- 2019/2020 – 100% student pass rate
- 2020/2021 – 75% student pass rate

The domain breakdown is not consistent in the above years. AHIMA had a different reporting system and different domains from 2016-2018. In 2018, AHIMA was in the process of changing their Curriculum requirements with implementation into programs by 2020. UAS had two students take the RHIT in 2019. The RHIT exam report sent to program directors was a pass or fail with no domain results. For AY 2020-2021 there are some low scores in domain 4 we will continue to monitor the domains to look for student trends starting with AY 2020-2021 as long as AHIMA stays consistent with their reporting.

6. Future Plans to Improve Student Learning

In response to this analysis, the HIM Program will do the following during the next academic year:

- Closely monitor and track the RHIT exam pass rate and domain percentages.
- Document and implement program improvements based on this assessment as well as mandated curriculum changes based on legislative actions.
- The HIM Program faculty and Advisory Committee will compare program performance with the program goals, and identify ways in which the program can improve.
- Continue to document and maintain a detailed curriculum gap analysis for every course.