**Assessment Plan**

**for Workforce and FOS Programs**

**Program/Track Name: AAS – Health Information Management**

**Description of Program-Level Learning Outcomes**

Please indicate the Program Learning Outcomes for the degree, degree track, or certificate below:

|  |
| --- |
| Program-Level Learning Outcomes |
| Program Learning Outcome 1: | Organize, analyze, and manage health care data to improve health care outcomes, implement standards, and control costs. |
| Program Learning Outcome 2: | Accurately apply and sequence diagnostic and procedural medical codes following official guidelines. |
| Program Learning Outcome 3: | Protect health information by controlling access, ensuring information security, and understanding the legal and ethical issues in the use of health data. |
| Program Learning Outcome 4: | Utilize healthcare data to manage a healthcare organization's revenue cycle through understanding payment methods and systems in all care settings. |
| Program Learning Outcome 5: | Utilize technologies, data management applications, and data visualization applications to manage and report healthcare data. |
| Program Learning Outcome 6: | Understand and apply knowledge of pathophysiology, pharmacology, and medical terminology as they relate to health information management. |

**Section I: Technical Courses**

For **all technical courses** in the program, indicate in the table on the following page whether and/or how the course will support the program learning outcomes. You should include courses outside your discipline area and work collaboratively with those disciplines to determine whether and/or how those course(s) will support the program learning outcomes. **Please note** that it is understandable if courses from outside the discipline do not assess the program-level learning outcomes and serve only to introduce, practice and/or emphasize the program outcomes. It is also possible that technical courses outside of your discipline may not directly support the specific program-level learning outcomes you have identified.

***How to complete the program map:***

For each technical course in your program, please indicate whether any program-level learning outcome is introduced to students (I), practiced by students (P), emphasized for students (E), or formally assessed (A).

For example, if course WXYZ 1234 introduces students to one of the program outcomes, then enter “I” for that specific program outcome in the appropriate column. Please note that a course can be “I”, “P”, “E” and/or “A” in any program outcome. The labels in the following table apply SOLELY to the program level learning outcomes defined above. (It is NOT necessary for every course to address a program level learning outcome, and it is NOT necessary that Assessment or program level learning outcomes occur in every course.)

**Program Map ▼**

I=Introduced P=Practiced E=Emphasized A=Assessed

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Program Courses | Program Learning Outcome 1 | Program Learning Outcome 2 | Program Learning Outcome 3 | Program Learning Outcome 4 | Program Learning Outcome 5 | Program Learning Outcome 6 |  |  |
| HITT 1305 |  |  |  |  |  | I,P |  |  |
| HITT 2430 |  |  |  |  |  | I,P |  |  |
| HITT 1301 | I | I | I |  |  |  |  |  |
| HITT 1311 | P,E,A |  |  |  | I,P,E,A |  |  |  |
| ITSW 1304 | I |  |  |  | I |  |  |  |
| HITT 1353 |  |  | I,P,E,A |  |  |  |  |  |
| HITT 2435 |  | I,P,E,A |  | I,P,E,A |  | P,E,A |  |  |
| ITSW 1307 |  |  |  |  | I |  |  |  |
| HITT 2339 | E |  | E,P |  | E |  |  |  |
| HITT 2346 |  | P,E,A |  | P,E,A |  | P,E,A |  |  |
| HITT 2443 |  |  |  |  | P,E,A |  |  |  |
| ITSE 2309 |  |  |  |  | I |  |  |  |
| HITT 2272 | P,E |  |  |  | P,E,A |  |  |  |
| HITT 2361 |  | A | A | A |  | A |  |  |
|  |  |  |  |  |  |  |  |  |

**Assessment Plan for Program Learning Outcomes**

Review existing assessment methods and current practices for collecting/gathering student data to identify direct (and possibly indirect methods of assessment). Remember that the data will need to be gathered, analyzed, and used to support the program’s continuous improvement processes.

**Note:** Because courses from other disciplines already have assessment plans in place, they do not have to be included in this assessment plan. Nonetheless, proposers must work collaboratively with these other disciplines to stay current and up-to-date with the assessment plans in these courses.

|  |  |  |
| --- | --- | --- |
| Program-Level Learning Outcome (e.g. Students will describe the impact of various cultures on American cuisine.) | Assessment Measure(s) and Where Implemented in Curriculum – Description of Instrument(s)/ process(es) used to measure results and indication of where the assessment will be collected in curriculum. (e.g. Essay on Cultural influences on American cuisine in CUIS 1300.) | Targets- Level of Success Expected(e.g. 80% of students score 2.5 or better on rubric for essay on cultures and cuisine.) |
| PLO #1 - Organize, analyze, and manage health care data in order to improve health care outcomes, implement standards, and control costs. | Data Governance and Standards Project which covers healthcare data analysis and interpretation, data visualization and project presentation in HITT 1311 | 80% of students score 30 points or better on Data Governance and Standards Project. Maximum point value on assignment is 38.  |
| PLO #2 - Accurately apply and sequence diagnostic and procedural medical codes in accordance with official guidelines. | Medical Coding Exam in HITT 2346.  | 80% of students score 80% or better on Medical Coding Exam. |
| PLO #3 - Protect health information by controlling access, ensuring information security, and understanding the legal and ethical issues in the use of health data. | Corporate Compliance Plan in HITT 1353 | 80% of students score 80% or better on Corporate Compliance Plan |
| PLO #4 - Utilize healthcare data to manage a healthcare organization's revenue cycle through understanding payment methods and systems in all care settings. | Revenue Cycle Management Exam in HITT 2435 | 80% of students score 80% or better on Revenue Cycle Management Exam |
| PLO #5 - Utilize technologies, data management applications, and data visualization applications to manage and report healthcare data. | Portfolio Project in HITT 2272 – Portfolio Development; Project; Creating Custom Data Visualizations in PowerBI.  | 80% of students will score 80% or better on Portfolio Project.  |
| PLO #6 - Understand and apply knowledge of pathophysiology, pharmacology, and medical terminology as they relate to health information management. | Medical Coding Exam in HITT 2346. (Pathophysiology, pharmacology, and medical terminology is foundational knowledge needed for medical coding) | 80% of students score 80% or better on Medical Coding Exam. |

**Data Tables:**

**PLO #1**

**Target Met**

|  |  |
| --- | --- |
| **HITT-1311** | **Health Information Systems** |
| Data Governance and Standards Project which covers healthcare data analysis and interpretation, data visualization and project presentation in HITT 1311 | Number students of Scoring 30 Pts or more | Percent of students of Scoring 30 Pts or more |
|   |   | Grade  | Average Score |
| Year | Students | A | B | C | F | W |   |
| 2022 | 80 | 53 | 10 | 4 | 11 | 2 | 86.41% | 64 | 80% |
| 2023 | 85 | 45 | 21 | 0 | 13 | 6 | 83.57% | 71 | 84% |

**PLO #2 and PLO #6**

**Target Not Met**

|  |  |
| --- | --- |
| **HITT 2346**  | **Advanced Medical Coding** |
| Revenue Cycle Management Exam | Exam Grade Average  | Students Scoring 80% 0r Higher |
| Year | Students | A | B | C | F |
| 2022 | 44 | 3 | 9 | 4 | 28 | 63% | 27% |
| 2023 | 43 | 3 | 12 | 13 | 15 | 75% | 35% |

**PLO #2**

Faculty have implemented live Zoom sessions that occur weekly and our recorded for students that cannot attend. Zoom sessions do not replace our regularly scheduled office hours. Students who cannot attend Zoom sessions or office hours can schedule one-on-one tutoring sessions with faculty. The program director and faculty have been working with various publishers and vendors to find the right balance of resources for students and faculty that support engagement in online learning and help simulate real-world medical coding cases to give students the opportunity master necessary skills.

**PLO #6**

The assessment of pathophysiology, pharmacology, and medical terminology distinct from other competencies is not easily discernable in a coding exam. Faculty and program director are working on individual assessments to implement in HITT 2435 and HITT 2346 that are distinct from other competency assessments.

**PLO #3**

**Target Met**

|  |  |
| --- | --- |
| **HITT 1353**  | **Legal and Ethical Aspects of Health Information** |
| Corporate Compliance Plan | Assessment Grade Average  | Students Scoring 80% 0r Higher |
| Year | Students | A | B | C | F |
| 2022 | 63 | 50 | 4 |   | 9 | 85.63% | 85.71% |
| 2023 | 49 | 43 | 2 | 1 | 3 | 90.41% | 91.84% |

**PLO #4**

**Targets Not Met**

|  |  |
| --- | --- |
| **HITT 2346**  | **Advanced Medical Coding** |
| Revenue Cycle Management Exam | Exam Grade Average  | Students Scoring 80% 0r Higher |
| Year | Students | A | B | C | F |
| 2022 | 44 | 3 | 9 | 4 | 28 | 63% | 27% |
| 2023 | 43 | 3 | 12 | 13 | 15 | 75% | 35% |

Faculty have implemented live Zoom sessions that occur weekly and our recorded for students that cannot attend. Zoom sessions do not replace our regularly scheduled office hours. Students who cannot attend Zoom sessions or office hours can schedule one-on-one tutoring sessions with faculty. The program director and faculty have been working with various publishers and vendors to find the right balance of resources for students and faculty that support engagement in online learning and help simulate real-world medical coding cases to give students the opportunity master necessary skills.

**PLO #5**

**Target Met**

|  |  |
| --- | --- |
| **HITT 2272**  | **Portfolio Development** |
| Portfolio Development; Project; Creating Custom Data Visualizations in PowerBI.  | Students Scoring 80% 0r Higher |
| Year | Students | A | B | C | F |
| 2022 | 23 | 16 | 4 | 1 | 2 | 86.60% |
| 2023 | 15 | 15 | 0 | 0 | 0 | 100.00% |