Appendix 1

*Curriculum from competency models*

| **ACHE Competency Domains** | **HA5303** |
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| **Competencies addressed and level of understanding** | **Teaching & learning method** | **How assessed** |
| **Leadership** | Leadership skills and behavior (K)Operational climate and culture (K) | Readings, Lectures with media, class discussions, in-class delivery by students | Chapter summary (individual), exams |
| **Communications and relationship management** |   | Readings, Lectures with media, class discussions, in-class delivery by students | Article presentation (Individual), Project presentation (Group) |
| **Knowledge of the HC environment** | Healthcare systems and organizations (K) | Readings, Lectures with media, class discussions, in-class delivery by students | Chapter summary (individual), exams |
| **Business skills and knowledge** | Organizational dynamics and governance (K)Information management (A) | Readings, Lectures with media, class discussions, in-class delivery by students | Manuscript (Group) |

*Learning objectives for MHIT course (5303)*

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| 1.      Enumerate the scope of issues/technologies surrounding the management of health information resources, and explain the Chief Information Officer’s leadership responsibilities associated with information management. |
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| 2.      Differentiate the difference between data, information, and knowledge; how does the data collected at the point of care transform to information (for diagnoses) and knowledge (for organizational management)? |
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| 3.      Identify, describe, and apply the basic elements of Systems Theory, and explain its significance to the management of HIT. |
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| 4.      Assess the value of information technology as related to health outcomes.  |
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| 5.      Compare the components, evolution, and current applications/functions of: hardware, software, and telecommunications considering appropriate healthcare policy. |
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| 6.      Evaluate the analysis/decision making process required when acquiring new equipment/systems (systems selection process); articulate the challenges for evaluation of health IM/IT systems, and compare critical success factors (CSF) associated with MHIS implementation. |
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| 7.      Compare and contrast the information needs met by transaction processing systems, management information systems, and executive information systems. |
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| 8.      Design a plan to lever MHIS to provide strategic value to an organization. |