

Curriculum Outline

HIT 153	Healthcare Delivery Systems	
<i>ONC Materials</i>	<i>Integrated Curriculum Topics</i>	<i># Lectures</i>
<i>Component_Unit</i>	<i>Unit Title*</i>	
Background		23
Comp 1_1	Introduction and History of Modern Healthcare in the US	3
Comp 2_2	The Healthcare Delivery System	5
Comp 2_4	Healthcare Processes and Decision Making	5
Comp 13_1	Overview of Public Health & Contributing to Public Health Through EHR Use	2
Comp 3_14	Health Information Management and Technology	1
Comp 6_2a	Health Information Systems Overview	1
Comp 5_2	Evolution of Health IT: The Modern Era	2
Comp 5_3	The HITECH Act	2
Comp 7_3	Understanding Information Exchange in HIT Systems	1
Comp 3_16	Standards to Promote Health Information Exchange	1

Total 23 Lectures

HIT 295	Special Topics in HIT	
<i>ONC Materials</i>	<i>Integrated Curriculum Topics</i>	<i># Lectures</i>
<i>Component_Unit</i>	<i>Unit Title*</i>	
Management and Leadership		
Project Management		19
Comp 19_1a	Overview of Health IT projects	1
Comp 19_2	Project Life Cycles	4
Comp 19_3	Project Selection and Initiation	3
Comp 19_4	Project Planning Overview	2
Comp 19_5	Managing Project Scope	3
Comp 19_6	Managing Project Time, Cost and Procurements	2
Comp 19_7	Managing Project Risk	2
Comp 19_11	Project Closure and Transition	2
Privacy and Security**		7
Comp 7_7	Protecting Privacy, Security and Confidentiality	3
Comp 5_10c	Changes Related to HITECH	1
Comp 4_2c/8a, and Comp 16_5	Individual Responsibilities for Confidentiality and Security	2
Comp 9_9	Encryption	1
Meaningful Use		
Comp 1_10	Details of Meaningful Use	4

Total 30 lectures

OAD 217	Office Management	
<i>ONC Materials</i>	<i>Integrated Curriculum Topics</i>	<i># Lectures</i>
<i>Component_Unit</i>	<i>Unit Title*</i>	
Management and Leadership		
Leadership, Planning, Teams		17
Comp 18_1	Theories of Leadership	2
Comp 18_2a	The Management and Leadership Distinction	1
Comp 18_4	Effective and Ineffective Leaders	2
Comp 10_9	Leading and Facilitating Change	1
Comp 10_10	Process Change Implementation and Evaluation	1
Comp 18_5	IT Strategic Planning	2
Comp 12_9b	IT Implementation Planning	1
Comp 18_7	Teams and Small Groups	2
Comp 17_5	Problem-Solving Strategies	1
Comp 10_7	Facilitating Meetings for Implementation Decisions	1
Comp 18_8	Conflict Resolution	2
Customer Service		5
Comp 16_1a	Customer Service in Health IT	1
Comp 16_3	Overview of Communication Relevant to Health IT	1
Comp 16_4	Verbal and Nonverbal Communication	3
Comp 16_8	Ethical and Cultural Issues	2
Training		8
Comp 20_1b	Adult Learners	1
Comp 20_2	Needs Assessment for Training	2
Comp 20_3	Creating a Lesson Plan	1
Comp 20_4	Selecting and Working With Media	2
Comp 20_5	Building an Effective PowerPoint presentation	2

Total 30 lectures

HIT 151	Health Data Content and Structure	
<i>ONC Materials</i>	<i>Integrated Curriculum Topics</i>	<i># Lectures</i>
<i>Component_Unit</i>	<i>Unit Title*</i>	
Health Information Technology		
Selection of Health Information Systems		29
Comp 8_1a	Overview and models of EHRs	1
Comp 7_1	Overview and components of health systems	1
Comp 6_8	E-health and PHR	2
Comp 14_3	EHR Selection Process	1
Comp 8_3	Functional and Technical Requirements	1
Comp 18_9c	Contract Negotiations	1
Use of Health Information Technology		
Comp 7_4	The Effective Health IT System	1
Comp 14_4	EHR Functionality	1
Comp 6_4	CPOE	1
Comp 5_7a/7c	Clinical Decision Support	2
Comp 6_6	Patient Monitoring and Telehealth Systems	2
Comp 6_7	Medical Imaging Systems	1
Comp 6_9	Administrative, Billing and Financial Systems	2
Comp 7_5	Fundamentals of Usability in HIT	2
Comp 15_4a/4c	Human Factors and Healthcare	2
Comp 7_9	Issues with Adoption and Installation of HIT Systems	1
Comp 8_7	System Interfaces and Integration	1
Comp 8_8	Troubleshooting; Maintenance and Upgrades	2
Comp 9_10	Health Information Exchange	1
Comp 13_4	EHR use in Public Health	3

Total 29 lectures

HIT 254	Organizational Improvement	
<i>ONC Materials</i>	<i>Integrated Curriculum Topics</i>	<i># Lectures</i>
<i>Component_Unit</i>	<i>Unit Title*</i>	
Management and Leadership		
Quality and Workflow		34
Quality and Safety		
Comp 19_10a	Introduction to quality management	1
Comp 10_8b	Quality improvement methods	1
Comp 12_1b	Health care quality improvement	1
Comp 12_1c	Healthcare quality improvement and Health IT	1
Comp 12_2	Quality and Safety for Health IT	2
Comp 12_5	Decision support	2
Comp 12_10	Measuring quality	1
Comp 12_11	Data Quality improvement	3
Comp 12_12	Identification and reporting of medical errors	3
Workflow Analysis		
Comp 10_1b	Introduction to workflow analysis	1
Comp 10_2	Process mapping	2
Comp 10_3	Detail Models of Process Mapping/Documentation	6
Comp 10_4c	Acquiring clinical process knowledge	1
Comp 12_6	Workflow analysis in healthcare	2
Comp 10_5	Process mapping and process analysis in healthcare	2
Comp 10_6 a-c	Process redesign	3
Meaningful Use		
Comp 10_6 d-e	Process redesign and meaningful use	2

Total 34 lectures