

Matrix of HIT Workforce Curriculum Components by Role  
"Set Table"

Curriculum Components			HIT Workforce Role											
Component #	Component Name*	Core to how many roles?	Clinician/ Practitioner Consultant		Implementation Managers		Implementation Support Specialist		Practice Workflow and Information Management Redesign Specialist		Technical/ Software Support		Trainer	
Student Background:			Health Care	IT **	Health Care	IT	Health Care	IT	Health Care	IT	Health Care	IT	Health Care	IT
Components														
1	Introduction to Health Care and Public Health in the U.S.	1	4	4	4	2	4	2	4	2	4	2	4	1
2	The Culture of Health Care	3	4	4	4	1	4	2	4	1	4	2	4	1
3	Terminology in Health Care and Public Health Settings ***	2	2	4	2	2	2	1	2	1	2	2	2	2
4	Introduction to Information and Computer Science	4	2	4	3	4	1	4	1	4	1	4	1	4
5	History of Health Information Technology in the U.S.	1	2	4	1	2	2	3	2	2	2	2	2	2
6	Health Management Information Systems	3	1	4	2	2	2	2	1	2	2	2	1	2
7	Working with Health IT Systems	3	1	4	3	3	1	1	2	2	1	1	2	3
8	Installation and Maintenance of Health IT Systems	2	3	4	2	2	1	1	3	3	1	1	3	3
9	Networking and Health Information Exchange	2	2	4	2	3	1	1	2	2	1	1	2	2
10	Fundamentals of Health Workflow Process Analysis and Redesign	3	1	4	1	1	3	2	1	1	3	3	2	2
11	Configuring EHRs	2	3	4	2	3	1	1	2	3	1	1	3	3
12	Quality Improvement	2	1	4	2	2	2	3	1	1	3	3	2	2
13	Public Health IT	0	2	4	3	3	3	3	3	3	3	3	2	2
14	Special Topics Course on Vendor-Specific Systems	2	3	4	2	2	1	1	3	3	1	1	2	2
15	Usability and Human Factors	2	2	4	3	3	2	2	1	1	2	2	1	1
16	Professionalism/Customer Service in the Health Environment	2	3	4	2	2	3	3	2	2	1	1	1	1
17	Working in Teams	1	2	4	1	1	3	3	2	2	3	3	2	2
18	Planning, Management and Leadership for Health IT	2	1	4	1	1	4	4	3	3	4	4	3	3
19	Introduction to Project Management	1	3	4	1	1	3	3	2	2	4	4	3	3
20	Training and Instructional Design	1	4	4	3	3	4	4	4	4	4	4	1	1
Number of Core Components per Role			5	n/a	5	5	6	6	5	5	7	6	5	5
Number of Secondary Components per Role			7	n/a	8	8	5	5	8	8	4	6	9	9

Scale for weighting importance of component to role:  
 1 core = all or most units required for role  
 2 secondary = some units may be required for role  
 3 tertiary = optional; enrichment material  
 4 not relevant to role and/or student background

\* Any of these components could be waived if the student can demonstrate this knowledge upon admission.  
 \*\* The Clinician/ Practitioner Consultant requires a background in health care.  
 \*\*\* For the Terminology component, the recommended units for students with a health care background are those that cover IT terminology.