The Curriculum Components

The twenty Components that comprise the Health IT Workforce Curriculum materials were developed through a collaboration between five Curriculum Development Centers representing Duke University, Oregon Health & Science University, University of Alabama at Birmingham, Johns Hopkins University, and Columbia University, with their respective Community College partners, and made possible by cooperative agreement awards administered by ONC.

The intent of the ONC and the Curriculum Development Centers was to provide core curriculum content in a variety of formats so that educational institutions could then customize the materials across a broad spectrum of delivery methods (in class, hybrid, online) and/or integrate some or all of these Component elements into their existing programs.

Each Component includes a Blueprint and an Instructor Manual. The Blueprint provides a high level overview of the Component objectives and outlines the Units that comprise the Component. The number of Units in each Component will vary depending on the topic and objectives.

The Instructor Manual for each Component further details the objectives of each Unit and includes recommended references, readings and other resources. Copyrighted materials are referenced; however, it is the responsibility of the end-user to secure use rights and/or purchase resources for use in conjunction with the curriculum.

1. Introduction to Health Care and Public Health in the U.S.
2. The Culture of Health Care
3. Terminology in Health Care and Public Health Settings
4. Introduction to Information and Computer Science
5. History of Health Information Technology in the U.S.
6. Health Management Information Systems
7. Working with Health IT Systems
8. Installation and Maintenance of Health IT Systems
9. Networking and Health Information Exchange
10. Fundamentals of Health Workflow Process Analysis & Redesign
11. Configuring EHRs
12. Quality Improvement
13. Public Health IT
14. Special Topics Course on Vendor Specific Systems
15. Usability and Human Factors
16. Professionalism/Customer Service in the Health Environment
17. Working in Teams
18. Planning, Management and Leadership for Health IT
19. Introduction to Project Management
20. Training and Instructional Design

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