1. **EXPLAIN THE CONCEPTS FUNDAMENTAL TO THE USE OF IT IN A HEALTHCARE ENVIRONMENT**

A.1 Identify common components of a health information technology (HIT) system and types of HIT applications for acute care, community health, public health, and provider practices

1. **USE TERMINOLOGY FUNDAMENTAL TO THE USE OF IT IN A HEALTHCARE ENVIRONMENT**

B.1 Define and understand basic medical terminology

B.2 Identify commonly used IT terms and technologies

1. **EXPLAIN REGULATORY REQUIREMENTS IN THE HEALTHCARE ENVIRONMENT**

C.1 Describe how legislation related to privacy and security of electronic health information has evolved in the US

C.2 Discuss legal issues in healthcare including the Health Insurance Portability and Accountability Act (HIPAA), confidentiality, and medical malpractice

C.3 Summarize regulatory rules of record retention, disposal and archiving

C.4 Describe standards, including HL7, that govern health information exchange

C.5 Explain the requirement for privacy and security compliance with healthcare data, documentation, production and retention as required by State and Federal law as well as accrediting agencies

1. **IDENTIFY ORGANIZATIONAL STRUCTURES, ORGANIZATIONAL BEHAVIOR, AND STAKEHOLDERS IN THE HEALTHCARE ENVIRONMENT**

D.1 Identify organizational structures and different methods of operation

D.2 Establish electronic health record (EHR) access policies

D.3 Summarize best practices for handling protected health information (PHI) in the workplace

D.4 Explain the need for an appropriate organizational infrastructure to develop and oversee privacy and information security programs

1. **IDENTIFY SIGNIFICANT TECHNOLOGIES IN A HEALTHCARE ENVIRONMENT**
2. **APPLY TOOLS AND TECHNIQUES FOR SOLVING IT PROBLEMS IN A HEALTHCARE WORKPLACE**

EF.1 Compare and contrast EHR technologies and how each is implemented

EF.2 Identify different components of medical interfaces and determine common interface problems

EF.3 Identify appropriate technologies to protect information received from or transmitted to external users (HIE, RHIOs, PHRs, and other third parties)

EF.4 Identify root causes of HIT-induced error and suggest solutions

1. **DESCRIBE HEALTHCARE BUSINESS OPERATIONS**

G.1 Describe and diagram data flows across HIT systems incorporating relevant standards

G.2 Describe methods of billing and reimbursement in healthcare

G.3 Explain the basics of document imaging

1. **EXPLAIN SECURITY BEST PRACTICES IN THE HEALTHCARE IT WORKFLOW**

H.1 Describe the need for business continuity planning

H.2 Develop a risk assessment plan to safeguard PHI

H.3 Identify media control practices

H.4 Establish and manage authentication mechanisms

H.5 Implement encryption of PHI and other sensitive data

H.6 Describe the needs for privacy and security policies and procedures including consents, authorizations, and appropriate notification

H.7 Describe the need for a facility security plan

1. **PRACTICE EFFECTIVE COMMUNICATION WITH END USERS IN HEALTHCARE AND PUBLIC HEALTH SETTINGS**
2. **DEMONSTRATE PROFESSIONALISM AND APPROPRIATE BEHAVIOR IN A HEALTHCARE ENVIRONMENT**

IJ.1 Identify key elements of customer service in health IT

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|  | *MoHealthWINs* |

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