

C468 Information Management and the Application of Technology WGU

Information literacy Ans- Defined as the ability to recognize when information is needed as well as the skills to find, evaluate and use needed information effectively

Information Ans- Term used to describe data that has been interpreted

Information science Ans- Focus on how to gather, process and transform information into knowledge. It also incorporates features from 5 other sciences

- communication science
- computer science
- social science
- library science
- cognitive science

Information systems Ans- Using the EHR to document care of a patient with a fractured femur is an example of using the EHR in which way

Simulation Technology Improving patient outcomes. Ans- Allowing them hands-on practice and immediate feedback of the skill being learned

Knowledge worker Ans- Nurses in this type of role

- are continuous learners
- use technology to support and inform nursing practice
- generate knowledge as a product

Expert/Experienced Nurse Ans- Expected to fully integrate informatics throughout the course of his/her practice, not just for basic data entry and retrieval. They also know how to pull trends out of data

Nursing informatics Ans- Nursing informatics as a specialty does have its own National certification exam

The use of technology and information to help support all aspects of nursing practice

Clinical practice guidelines Ans- Clinical practice guidelines can allow for the creation of nursing policies. True rooted in evidenced based research

Information technologies, not systems but functions within a system Ans- CPOE, bar code medication administration, and clinical decision support are all examples of what

Informatics affecting Nursing Practice Ans- Clinical pathways and computer generated care plans are examples of how informatics can affect nursing practice True, examples of clinical decision support

The foundation of knowledge model Ans- The basis for which knowledge is used to meet the needs of the healthcare delivery system

It is derived from its 3 key elements of knowledge acquisition, knowledge processing and knowledge dissemination

Data (not information until it has been analyzed) Ans- A patients height, weight, code status, and date of birth are all examples of what

Strategic planning, long-range Ans- The development of a comprehensive long range plan for guiding the activities and operations of an organization

They will need to be trained on the system Ans- Why is it not important that selection committee board members understand software and electronic processes

Strategic Planning Ans- Strategic planning is not driven by short term goals as Strategic Planning is a LONG TERM GOAL

Needs assessment Ans- During which phase of the information life cycle should the "musts" and "wants" be determined

Information Life Cycle Phases Ans- 1. Needs assessment phase
2. System selection phase
3. System implementation phase
4. Maintenance phase

Project scope Ans- Term that defines the size and details of a collaborative effort

Project Implementation Team Responsibilities Ans- Execution of system changes, active involvement in user participation, knowledge of current workflows

System Implementation Role Ans- Go-live planning, applying system changes as needed, end-user training

Continuous Ans- Term that best describes the life cycle of an information system

EHR Essential Components Ans- Evidence-based decision support, assessment findings, vital signs, demographic data

EHR Function Ans- Bar-code medication administration

EHR Benefits Ans- Reduces medication errors, improves provider documentation