



Health Science

Pathway: Health Informatics

Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
HLPC01.01	Communication and Confidentiality	#5: Health Science IV: Introduction to Health Informatics	Health informatics professionals will communicate health/medical information accurately and within legal/regulatory guidelines established by the facility, holding to the strictest standards of confidentiality.	Communication.	Manage the accuracy, effectiveness, and timeliness of the transfer of information.
					Evaluate how legal and regulatory requirements apply to the transfer of information.
					Distinguish who in the organization needs information and when they need it.
				Confidentiality.	Manage recorded information and other documents within protocols that ensure confidentiality and privacy.
					Communicate information ensuring confidentiality of content is maintained.
					Communicate information on a need-to-know basis for optimum patient outcomes.



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HLPC02.01	Analysis	#5: Health Science IV: Introduction to Health Informatics	Health informatics professionals will know the quantitative and qualitative requirements for information. They will analyze the information for designated purposes.	Analysis.	Synthesize information to determine the best course of action.
					Assess health information required by patients, staff, and the community.
					Assemble all necessary data components for successful completion of tasks.
					Appraise the accuracy and completeness of data.
					Assess whether information is reported and disseminated within legal, ethical and regulatory guidelines.
HLPC03.01	Abstracting and Coding	#5: Health Science IV: Introduction to Health Informatics	Health informatics professionals will read and interpret and extract information from medical documents, applying knowledge of medical terminology and codes.	Abstracting and Coding.	Assemble appropriate, accurate information, including proper codes to record charges for reimbursement.
					Apply accurate medical terminology.
					Analyze and determine the need for requesting further clarification when transcribing/transferring information that may be unclear.
					Assess and apply information for regulatory and legal purposes.



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HLPC04.01	Information Systems	#6: Health Science V: Health Informatics Preparation	Health informatics professionals will understand the resources, routes and flow of information within the health care system. They will participate in the design and implementation of effective information systems or processes.	Information Systems.	Integrate the information systems utilized by the organization.
					Assess how systems interact to facilitate the timely and accurate flow of information.
					Organize information within the parameters of the information systems.
					Integrate information for timely, accurate dissemination.
					Evaluate effectiveness of systems.



Code	Topic	Course	Knowledge and Skill	Performance Element	Measurement Criteria
HLPC05.01	Documentation and Storage	#6: Health Science V: Health Informatics Preparation	Health informatics professionals will understand the content and diverse uses of health information. They will accurately document, communicate and maintain appropriate information using legal and regulatory guidelines.	Documentation.	Accurately document required information.
					Interpret information that has been collected.
					Differentiate the purposes and audiences for whom the information is collected.
					Prepare accurate documentation for various audiences within legal and regulatory requirements, as requested.
					Disseminate information to various audiences using systems and guidelines within the facility.
					Establish and maintain a records storage system within legal requirements and protocols.
					Assess and recommend procedures for improvement as necessary.



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HLPC06.01	Operations	#6: Health Science V: Health Informatics Preparation	Health informatics professionals will know the systems operations used to capture, retrieve, and maintain information from internal and external sources. They will utilize internal and external information and resources accurately and efficiently.	Operations.	Analyze the internal and external sources of information and resources available.
					Project outcomes as interconnected components of a modified health care system.
					Select the systems and sources of information necessary for the successful completion of the task.
					Participate in the design of operational systems and processes.
					Evaluate operational systems and processes for areas of improvement as necessary.