

Standard ID	Standard Text	Edgenuity Lesson Name
130.222.	Principles of Health Science (One Credit), Adopted 2015	
130.222.1.	The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	
130.222.1.A.	express ideas in a clear, concise, and effective manner;	Career Portfolio and Resume First Aid and Emergency Response
130.222.1.B.	exhibit the ability to cooperate, contribute, and collaborate as a member of a team; and	
130.222.1.C.	identify employer expectations such as punctuality, attendance, time management, communication, organizational skills, and productive work habits.	Professionalism in Health Care
130.222.2.	The student applies mathematics, science, English language arts, and social studies in health science. The student is expected to:	
130.222.2.A.	convert units between systems of measurement;	Calculating Medication Dosages Math Skills
130.222.2.B.	apply data from tables, charts, and graphs to provide solutions to health-related problems;	Reading Using Data with Tables, Charts, and Graphs
130.222.2.C.	interpret technical material related to the health science industry;	Calculating Medication Dosages Technical Skills
130.222.2.D.	organize, compile, and write ideas into reports and summaries;	Observation and Reporting Skills Reading Using Data with Tables, Charts, and Graphs
130.222.2.E.	plan and prepare effective oral presentations;	Career Portfolio and Resume Listening and Speaking Observation and Reporting Skills
130.222.2.F.	formulate responses using precise language to communicate ideas;	Listening and Speaking Reasoning Skills Science Skills
130.222.2.G.	describe biological and chemical processes that maintain homeostasis;	Homeostasis

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130.222.2.H.	identify and analyze principles of body mechanics and movement such as forces and the effects of movement, torque, tension, and elasticity on the human body;	Articulations and Body Movement
130.222.2.I.	identify human needs according to Maslow's Hierarchy of Human Needs;	Cognitive and Emotional Development
130.222.2.J.	describe the stages of development related to the life span;	Cognitive and Emotional Development Wellness and Life Changes
130.222.2.K.	identify the concepts of health and wellness throughout the life span;	Cognitive and Emotional Development Wellness Wellness and Life Changes
130.222.2.L.	analyze and evaluate communication skills for maintaining healthy relationships throughout the life span;	Disease Prevention and Wellness Wellness Wellness and Life Changes
130.222.2.M.	research the historical significance of health care;	Evolution of the Health Science Industry Healthcare Facilities Healthcare System Components Healthcare Trends
130.222.2.N.	describe the impact of health services on the economy;	Health Care and Society Health Care as a Business Health Insurance Healthcare Trends
130.222.2.O.	analyze the impact of local, state, and national government on the health science industry;	Certification Health Care and Society Healthcare Laws and Regulations Healthcare Safety Regulatory Agencies
130.222.2.P.	identify diverse and cultural influences that have impacted contemporary aspects of health care delivery; and	Diversity in Health Care Evolution of the Health Science Industry Health Care and Society Health Insurance

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130.222.2.P.	identify diverse and cultural influences that have impacted contemporary aspects of health care delivery; and (Cont'd)	Healthcare Trends Responsibility and Quality Control in Health Care
130.222.2.Q.	research and compare practices used by various cultures and societies to solve problems related to health.	Diverse Health Care Beliefs and Practices Diversity in Health Care
130.222.3.	The student uses verbal and nonverbal communication skills. The student is expected to:	
130.222.3.A.	identify components of effective and non-effective communication;	Communication Fundamentals Diverse Communication Practices Overcoming Communication Barriers
130.222.3.B.	demonstrate effective communication skills for responding to the needs of individuals in a diverse society;	Diverse Communication Practices Overcoming Communication Barriers
130.222.3.C.	evaluate the effectiveness of conflict-resolution techniques in various situations; and	Conflict Resolution Overcoming Communication Barriers
130.222.3.D.	accurately interpret, transcribe, and communicate medical vocabulary using appropriate technology.	Communication Fundamentals Laboratory Procedure Listening and Speaking Using Technology in Health Care
130.222.4.	The student implements the leadership skills necessary to function in a democratic society. The student is expected to:	
130.222.4.A.	identify traits of a leader;	Leadership in Health Science
130.222.4.B.	demonstrate leadership skills, characteristics, and responsibilities of leaders such as goal-setting and team building; and	Healthcare Teams Leadership in Health Science
130.222.4.C.	demonstrate the ability to effectively conduct and participate in meetings.	Meetings

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130.222.5.	The student assesses career options and the preparation necessary for employment in the health science industry. The student is expected to:	
130.222.5.A.	locate, evaluate, and interpret career options and employment information; and	Career Options Career Self-Assessment Job Hunting
130.222.5.B.	recognize the impact of career decisions, including the causes and effects of changing employment situations.	Career Options Professional Development
130.222.6.	The student identifies academic preparation and skills necessary for employment as defined by the health science industry. The student is expected to identify academic requirements for professional advancement such as certification, licensure, registration, continuing education, and advanced degrees.	Biotechnology Development and Research Pathways and Careers Certification Diagnostic Pathways and Careers Health Informatics Pathways and Careers Professional Development Support Services Pathways and Careers Technical Skills Therapeutic Pathways and Careers
130.222.7.	The student identifies the career pathways related to health science. The student is expected to:	
130.222.7.A.	compare health science careers within the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems; and	Biotechnology Development and Research Pathways and Careers Career Portfolio and Resume Diagnostic Pathways and Careers Health Informatics Pathways and Careers Support Services Pathways and Careers Therapeutic Pathways and Careers
130.222.7.B.	identify the collaborative role of team members between systems to deliver quality health care.	Healthcare Teams Support Services Pathways and Careers

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130.222.8.	The student examines the role of the multidisciplinary team in providing health care. The student is expected to:	
130.222.8.A.	explain the concept of teaming to provide quality health care; and	
		Healthcare Teams
		Support Services Pathways and Careers
130.222.8.B.	examine the role of professional organizations in the preparation and governance of credentialing and certification.	
		Certification
		Healthcare Laws and Regulations
		Planning for Career Requirements
		Trends and the Future of Health Science
130.222.9.	The student interprets ethical behavior standards and legal responsibilities. The student is expected to:	
130.222.9.A.	compare published professional codes of ethics and scope of practice;	
		Ethics
130.222.9.B.	explain principles of ethical behavior and confidentiality, including the consequences of breach of confidentiality;	
		Confidentiality
130.222.9.C.	discuss ethical issues related to health care, including implications of technological advances;	
		Biotechnology
		Recognizing and Reporting Abuse
		Risk Management
130.222.9.D.	examine issues related to malpractice, negligence, and liability; and	
		Ethics
		Workplace Liability and Malpractice
130.222.9.E.	research laws governing the health science industry.	
		Confidentiality
		Medical Ethics and Advance Directives
		Patient Bill of Rights
		Workplace Liability and Malpractice
130.222.10.	The student recognizes the rights and choices of the individual. The student is expected to:	
130.222.10.A.	identify situations related to autonomy;	
		Medical Ethics and Advance Directives
130.222.10.B.	identify wellness strategies for the prevention of disease;	
		Diet and Wellness
		Disease Prevention and Wellness
		Wellness

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130.222.10.C.	evaluate positive and negative effects of relationships on physical and emotional health such as peers, family, and friends in promoting a healthy community;	Cognitive and Emotional Development Wellness and Life Changes
130.222.10.D.	review documentation related to rights and choices; and	Medical Ethics and Advance Directives Patient Bill of Rights
130.222.10.E.	demonstrate an understanding of diversity and cultural practices influencing contemporary aspects of health care.	Diverse Health Care Beliefs and Practices Diversity in Health Care
130.222.11.	The student recognizes the importance of maintaining a safe environment and eliminating hazardous situations. The student is expected to:	
130.222.11.A.	identify governing regulatory agencies such as the World Health Organization, Centers for Disease Control and Prevention, Occupational Safety and Health Administration, U.S. Food and Drug Administration, Joint Commission, and National Institute of Health;	Hazards in Health Care Healthcare Laws and Regulations Healthcare Safety Regulatory Agencies
130.222.11.B.	identify industry safety standards such as standard precautions, fire prevention and safety practices, and appropriate actions to emergency situations; and	Blood-Borne Diseases Disaster Planning First Aid and Emergency Response Hazards in Health Care Managing Emergency Scenarios Safety Policies and Procedures
130.222.11.C.	relate safety practices in the health science industry.	Blood-Borne Diseases Chain of Infection Disaster Planning Emergency Care: Falls and Poisoning Emergency Care: Seizures and Strokes Emergency Care: Trauma and Shock First Aid and Emergency Response Incident Recordkeeping in Health Care

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130.222.11.C.	relate safety practices in the health science industry. (Cont'd)	Infection Control and Asepsis Maintaining a Safe Work Environment Managing Emergency Scenarios Reducing Medical Errors Safety Policies and Procedures
130.222.12.	The student identifies the technology used in the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems. The student is expected to:	
130.222.12.A.	research and identify technological equipment used in the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems;	Information Technology Using Medical Equipment Using Technology in Health Care
130.222.12.B.	identify potential malfunctions of technological equipment; and	
130.222.12.C.	recognize and explain the process for reporting equipment or technology malfunctions.	Using Medical Equipment