Arkansas CTE

Introduction to Medical Professions Extended: Grades 9, 10, 11, 12

Adopted 2004

Medical Terminology	A001.	Define terms related to medical terminology A001
	A002.	Define basic medical abbreviations A002
	A003.	Explore commonly used prefixes A003
	A004.	Explore commonly used suffixes A004
	A005.	Explore commonly used word roots A005
Medical Math	B001.	Define terms related to medical math B001
	B002.	Explore systems of measurement used in the health care profession B002
	B003.	Know metric units of measurement used to determine length, weight, and volume B003
	B004.	Know standard (English) units of measurement used to determine length, weight, and volume B004
	B005.	Know metric abbreviations and their units of measurement B005
	B006.	Know standard abbreviations and their units of measurement B006
	B007.	Know apothecary abbreviations and their units of measurement B007
	B008.	Know metric, standard, and apothecaries' approximate equivalents B008
	B009.	Understand the process of converting from one unit to another within the same system of measurement B009
	B010.	Understand the process of converting units of measure from one system of measurement to another system of measurement B010
	.1.	Understand the Roman numeric system B011

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Nutrition and Health	**C001.**	**Define terms related to nutrition and health** C001
	C002.	**Discuss the effect of nutrition on health** C002
	C003.	**Explore diseases or health problems that can be prevented by good nutrition** C003
	C004.	**Match essential nutrients to their functions** C004
	C005.	**Discuss sources of nutrients** C005
	C006.	**Differentiate between simple and complex carbohydrates** C006
	C007.	**Differentiate between saturated and unsaturated fats** C007
	C008.	**Discuss functions and sources of cholesterol** C008
	C009.	**Differentiate between complete and incomplete proteins** C009
	C010.	**Differentiate between water-soluble and fat-soluble vitamins** C010
	C011.	**Discuss minerals** C011
	C012.	**Discuss the importance of water in the diet** C012
	C013.	**Understand the processes of digestion, absorption, and metabolism** C013
	C014.	**Understand the basal metabolic rate (BMR)** C014
	C015.	**Explore the food pyramid** C015
	C016.	**Discuss guidelines regarding calorie needs** C016
	C017.	**Explore various therapeutic diets and their purposes** C017
Human Growth and Development	**D001.**	**Define terms related to human growth and development** D001
	D002.	**Understand the types of development** D002
	D003.	**Understand the stages in the life cycle** D003
	D004.	**Explore the physical, mental, emotional, and social development in each stage of the life cycle** D004
	D005.	**Explore the developmental tasks that occur in each stage of the life cycle** D005
	D006.	**Understand the stages in accepting death** D006
	D007.	**Understand Abraham Maslow's hierarchy of human needs** D007

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	D008.	**Understand Erik Erikson's theory of personality development** D008
	D009.	**Understand the various defense mechanisms** D009
Classification of Disease	**E001.**	**Define terms related to classification of disease** E001
	E002.	**Discuss possible causes of disease** E002
	E003.	**Discuss signs and symptoms of disease** E003
	E004.	**Differentiate between acute and chronic disease** E004
	E005.	**Discuss major conditions or illnesses that can affect the functioning of the body** E005
	E006.	**Explore diagnostic procedures** E006
	E007.	**Understand the body's defense against disease** E007
	E008.	**Discuss common microorganisms** E008
	E009.	**Understand the infectious disease process** E009