

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Medical Terminology B
Course Number	84122
Number of High School Credits	.5 per semester
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Allied Health, Emergency and Fire Management Services, Health Informatics, Pre-Nursing
Date of district Course Revision	February 2015

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	HOSA
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Occupational Standards

Source of Occupational Standards	National Consortium on Health Science and Technology Education
Names/Numbers of Occupational Standards	National Healthcare Standards and Accountability Criteria

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	Medical Terminology A and B is a year-long class which presents medical terminology through a combination of anatomy and physiology, word building principles, and phonetic “sound like” pronunciations. Content is organized according to body systems and is designed to prepare students who have interest in careers in health care or medicine.
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Instructional Topic Headings (please separate each heading by a semi-colon)	Introduction to Medical Terminology; The Human Body in Health and Disease; The Skeletal System; The Muscular System; The Cardiovascular System; The Blood System, The Lymphatic System; The Respiratory System; The Digestive System; The Urinary System; Special Senses: The Eyes and Ears; The Endocrine System; The Reproductive System; Integumentary System, The Nervous System
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Summative Assessments and Standards

Technical Skills Assessment (TSA)	HOSA K026
Course addresses:	Medical Terminology
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	May 2013
Postsecondary Institution Name	Mat-Su College

DISTRICT NAME: Mat-Su Borough School District

Postsecondary Course Name	Medical Terminology I
Postsecondary Course Number	MA A 101
# of Postsecondary Credits	3

Source/Organization /Agency	Acronym	Website or Location of Information	Section, Chapters, etc. referenced in Performance Standards	Date of Edition or Version
National Consortium on Health Science and Technology Education	NCHSTE	www.nchste.org	Core Standards 1 - 11	October 2013

Additional CTE Course Information

Author	
Course developed by	Bill Parker BS, MT (ASCP), M. Ed; Revised by Michelle Brazfield; Revised by Kelly Woolcott
Course adapted from	Medical Terminology
Date of previous course revision	June 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	N

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Analyze human structure and function.	<u>NCHSTE</u> 1.1	HL- DIA1,2,3,4	SL.11- 12.1.a-d L.11-12.6		B2, B4	A2, A5	Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Analyze the basic structural and functional organization of the human body (tissue, organ, and system).	<u>NCHSTE</u> 1.11 1.13	HL- DIA1,2,3,4	SL.11- 12.1.a-d RST,11- 12.5 RST.11- 12.4 RST.11- 12.9	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A2, A5	Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/Career Readiness Standards	All Aspects of Industry/Systems	Assessment
			WHST.1 1-12.9					Project Student Presentation Portfolio
Describe and discuss body planes, directional terms, quadrants, and cavities as they pertain to body systems.	<u>NCHSTE</u> 1.12	HL- DIA1,2,3,4	SL.11- 12.1.a-d RST.11- 12.4 RST.11- 12.5	G-GMD.4. G-MG.2.	B2, B4	A2, A5	Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Research and describe common diseases and disorders of each body system (prevention, pathology, diagnosis, and treatment).	<u>NCHSTE</u> 1.21	HL- DIA1,2,3,4	SL.11- 12.1.a-d L.11-12.6	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A2, A5	Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Analyze diagrams, charts, graphs, and tables used to interpret health care data.	<u>NCHSTE</u> 1.32	HL- DIA1,2,3,4 HL-HI2, 3	SL.11- 12.1.a-d L.11-12.6 RST.11- 12.4	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A2, A5	Technical Skills Technology	Class Discussions Written Assignment Exams Student Demon. Research Project

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/Career Readiness Standards	All Aspects of Industry/Systems	Assessment
								Student Presentation Portfolio
Apply concepts of effective communication in a healthcare setting.	<u>NCHSTE</u> 2.1 2.11 2.12 2.13 2.15	HL-DIA 1, 2, 4 HL-HI 1, 2	SL.11-12.1.a-d L.11-12.6		B2, B4	A2, A5	Technical Skills Technology	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Use, analyze and breakdown roots, prefixes, suffixes and medical abbreviations to communicate information in the healthcare setting.	<u>NCHSTE</u> 2.21 2.22	HL-DIA 1, 2, 4 HL-HI 1, 2	SL.11-12.1.a-d L.11-12.6 RST.11-12.4		B2, B4	A2, A5	Technical Skills Technology	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Evaluate data from various sources provided through the use of the health delivery system.	<u>NCHSTE</u> 3.1	HL-DIA1,2,3,4	SL.11-12.1.a-d L.11-12.6	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A2, A5	Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
								Presentation Portfolio
Students will demonstrate key employability skills and personal traits of health care professionals.	<u>NCHSTE</u> 4.1 4.2	HL 1, 2, 4	SL.11-12.1.a-d L.11-12.6	S-IC 6	B2, B4	A1, A2, A5, A6, A7	Technical Skills Work Habits Planning Community	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Students will explain standards for the privacy and confidentiality of health information (HIPAA).	<u>NCHSTE</u> 5.21	HL 1, 2, 4, 5, 6	SL.11-12.1.a-d L.11-12.6 RST.11-12.4	S-IC.6	B2, B4	A1, A2, A5	Planning Health/Safety Community Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Students will explain accepted ethical practices with respect to cultural, social, and ethnic differences within the health care environment.	<u>NCHSTE</u> 6.1 6.12 6.22	HL 1, 2, 4, 5, 6	SL.11-12.1.a-d L.11-12.6		A1, B1, B2, B4	A1, A2, A5	Planning Health/Safety Community Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
								Portfolio
Students will describe and discuss potential hazards to clients, co-workers and self.	<u>NCHSTE</u> 7.11 7.12 7.22 7.42	HL 1, 2, 3, 4, 5, 6	SL.11- 12.1.a-d L.11-12.6	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A1, A2, A5, A6, A7	Planning Health/Saf ety Community Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Students will describe and discuss the fundamentals of wellness and disease prevention.	<u>NCHSTE</u> 9.12	HL-DIA 2	SL.11- 12.1.a-d L.11-12.6	S-IC.3. S-IC.6. S-MD.5. S-MD.6. S-MD.7.	B2, B4	A2, A5, A6	Planning Health/Saf ety Community Technical Skills	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio
Students will use information technology applications required in health care applications.	<u>NCHSTE</u> 11.21 11.31 11.32 11.34	HL-SUP 4	SL.11- 12.1.a-d L.11-12.6 RST.11- 12.4		B2, B4	A2, A5	Technical Skills Technology	Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio

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Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)
The Language of Medicine, Ninth Edition by Davi-Ellen Chabner