

CTE Course Description and Standards Crosswalk

Course Information

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| Course Name | Medical Terminology A |
| Course Number | 84121 |
| Number of High School Credits | 0.5 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)

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| CTSO embedded in this sequence | HOSA |
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Occupational Standards

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| 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

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| 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

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| 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

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|-----------------------------------|-----------------|
| Source of Employability Standards | State of Alaska |
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Tech Prep

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| 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

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| 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 | |
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| Course developed by | Bill Parker BS, MT (ASCP), M. Ed; Revised by Michelle; 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 |
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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 |
|--|---------------------------------------|---------------------------------|---|---|---------------------------|---|----------------------------------|---|
| Recognize 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 |
| Classify 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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|---|--|--|--|---|--|--|---|--|
| | | | WHST.1 1-12.9 | | | | | Project Student Presentation Portfolio |
| Recognize body planes, directional terms, quadrants, and cavities. | <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 |
| Identify types of 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 Student Presentation Portfolio |
| Identify, interpret concepts of effective communication in the 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 |

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|--|---------------------------------------|---------------------------------|--|---|---------------------------|---|--|--|
| | | | | | | | | Student Presentation Portfolio |
| Identify and describe the use of roots, prefixes, suffixes and medical abbreviations to communicate information. | <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 |
| Students will understand essential components 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 Presentation Portfolio |
| Students will describe 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 | | B2, B4 | A1, A2, A5, A6, A7 | Technical Skills Work Habits Planning Community | Class Discussions Written Assignment Exams Student Demon. Research Project Student |

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|--|---|---------------------------------|--|---|---------------------------|---|--|--|
| | | | | | | | | Presentation Portfolio |
| Students will understand 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 | | 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 understand 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 Portfolio |
| Students will understand 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/Safety Community Technical Skills | Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation |

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|--|---|---------------------------------|--|---|---------------------------|---|---|--|
| | | | | | | | | Portfolio |
| Students will understand 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/Safety Community Technical Skills | Class Discussions Written Assignment Exams Student Demon. Research Project Student Presentation Portfolio |
| Students will understand 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 |

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