



MEDT 211 - Medical Terminology 1

Course Description:

This self-directed introductory course enables the learner to use and understand the medical terminology common to most allied health personnel. By learning prefixes, suffixes, and word roots, the learner will be able to build, use, and spell medical words that relate to body systems and body organization. Common abbreviations and symbols are also included.

1.5 Credits

Time Guidelines:

The standard instructional time for the day-time course offering is 22 hours. Continuing Education and Distance Education hours will vary.

Effective Year

2020/2021

Technical Requirements

This course is offered during the daytime, evenings, as well as through distance education online.

Course Assessment:

Quiz	25%
Midterm	35%
Final	40%
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Total:	100%

Other Course Information:

School of Health and Public Safety Attendance Guideline

The School of Health and Public Safety (HPS) has expectations, consequences and processes for excused absences approval and review related to attendance. The entire Attendance Guideline may be found on the HPS Pre-orientation resources website at: sait.ca/hpsorientation. This document is located under the General Resources section found on your Program page. **Students are expected to review the entire Attendance Guideline.** In particular, students are asked to take note of the attendance expectations shown below.

Attendance Expectations

Students in the School of Health and Public Safety are expected to achieve 100% attendance for scheduled classes and to participate in any learning activities on a regular basis. There is a positive correlation between attendance, participation and grades. Failure to keep up with course work or repetitive and cumulative absences will result in a formal review of the student's progress.

A successful, well-rounded and job-ready Allied Health graduate must demonstrate the necessary knowledge, skills and abilities while attending both SAIT and workplace learning experiences.

The School of Health and Public Safety (HPS) expects students to:

- Attend all gradable components up to, and including, the last day of the final exam week.
- Arrive early and be prepared for all gradable components.
- Act as a responsible leader by modelling professional attendance behaviour and being accountable for personal actions. This is demonstrated by communicating and documenting personal disruptions to instructors and or preceptors, if applicable.
- Communicate and document any current and/or upcoming personal disruptions as early as possible to his/her instructor, preceptors and/or Academic Chair.
- Contact instructor(s) on the first day of return to the program after an absence to make arrangements for missed time, if allowed.
- Schedule personal appointments outside of program schedules when possible.
- Complete the SAIT Physician Statement form when requesting a deferred gradable course component and submit the form to the Academic Chair.
- Discuss and ensure any changes to a course or workplace schedule are approved by the SAIT instructor and/or Academic Chair.
- Schedule a meeting with the Academic Chair to discuss any extended illness or medical leaves, accessibility requirements, or accumulated absences or chronic lateness.

SAIT Policies and Procedures:

For information on the SAIT Grading Scale, please visit policy AC 3.1.1 Grading Progression Procedure: [http://www.sait.ca/Documents/About SAIT/Administration/Policies and Procedures/AC.3.1.1 Grading and Progression Procedure.pdf](http://www.sait.ca/Documents/About%20SAIT/Administration/Policies%20and%20Procedures/AC.3.1.1%20Grading%20and%20Progression%20Procedure.pdf)

For information on SAIT Academic Policies, please visit: www.sait.ca/about-sait/administration/policies-and-procedures/academic-student

Required Course Publication(s):

Cohen, B. & DePetris, A. (2014). *Medical Terminology: An Illustrated Guide* (2nd Canadian ed.). Baltimore, MD: Lippincott. ISBN: 978-1-4511-9070-0.

Course Learning Outcome(s):

1. Explain the fundamentals of medical word building.

Objectives:

- 1.1 Define the terms word root, suffix, prefix, and combining form.
- 1.2 Apply the rules for words ending in “x” and suffixes beginning with “rh.”
- 1.3 Define suffixes that mean condition of, pertaining to, and resembling.
- 1.4 Define suffixes used to represent medical specialties.
- 1.5 Apply the basic rules for forming plural endings.
- 1.6 Define prefixes that represent specific numbers, colors, directions, degree, size, time, and position.
- 1.7 Define word roots and suffixes that relate to cells, tissues, body chemistry, and body structure.

2. Use medical terminology as it applies to disease, diagnosis, treatment, surgery, and drugs.

Objectives:

- 2.1 Classify medical terms that refer to disease.
- 2.2 Define medical terms that refer to the diagnosis of disease.
- 2.3 Contrast medical terms that refer to the treatment of disease.
- 2.4 Interpret medical terms that refer to surgical treatment of disease.
- 2.5 Differentiate medical terms that refer to drug usage.
- 2.6 Use common symbols and abbreviations in reference to the diagnosis and treatment of disease.
- 2.7 Spell common medical terms specific to diseases and treatment.

3. Use medical terminology as it applies to the cardiovascular and lymphatic systems.

Objectives:

- 3.1 Define medical terms related to the heart.
- 3.2 Interpret medical terms related to blood vessels.
- 3.3 Identify medical terms related to the lymphatic system.
- 3.4 Use abbreviations in reference to the heart and circulation.
- 3.5 Spell common medical terms specific to the cardiovascular and lymphatic systems.

4. Use medical terminology as it applies to the blood and immunity.

Objectives:

- 4.1 Define medical terms related to blood.
- 4.2 Define medical terms related to immunity.
- 4.3 Identify medical terms using word roots for specific chemistry.
- 4.4 Use abbreviations in reference to blood studies.
- 4.5 Spell common medical terms specific to blood and immunity.

5. Use medical terminology as it applies to the respiratory system.

Objectives:

- 5.1 Define medical terms related to respiration.
- 5.2 Explain medical terms related to respiratory passageways.
- 5.3 Identify medical terms related to the lungs.
- 5.4 Use abbreviations in reference to the respiratory system.
- 5.5 Spell common medical terms specific to the respiratory system.

6. Use medical terminology as it applies to the digestive system.

Objectives:

- 6.1 Define medical terms related to the mouth.
- 6.2 Explain medical terms related to the digestive tract excluding the mouth.
- 6.3 Identify medical terms related to the accessory organs of the digestive system.

6.4 Use abbreviations in reference to the digestive system.

6.5 Spell common medical terms specific to the digestive system.

7. Use medical terminology as it applies to the urinary system.

Objectives:

7.1 Define medical terms related to the kidney.

7.2 Explain medical terms related to the urinary tract (excluding the kidney).

7.3 Use abbreviations in reference to the urinary system.

7.4 Spell common medical terms specific to the digestive system.

8. Use medical terminology as it applies to the male and female reproductive systems.

Objectives:

8.1 Define medical terms related to the male reproductive system.

8.2 Distinguish medical terms related to the female reproductive system.

8.3 Explain medical terms related to the accessory structures of the female reproductive system.

8.4 Identify medical terms as they relate to pregnancy and birth.

8.5 Use abbreviations in reference to the male and female reproductive systems.

8.6 Spell common medical terms specific to the male and female reproductive systems.

9. Use medical terminology as it applies to the endocrine system.

Objectives:

9.1 Define medical terms related to the endocrine system.

9.2 Explain medical terms related to hormones.

9.3 Use abbreviations in reference to the endocrine system.

9.4 Spell common medical terms specific to the endocrine system.

10. Use medical terminology as it applies to the nervous system.

Objectives:

10.1 Define medical terms related to the nervous system.

10.2 Explain medical terms as they relate specifically to the spinal cord.

10.3 Identify medical terms related specifically to the brain.

10.4 Use abbreviations in reference to the nervous system.

10.5 Spell common medical terms specific to the nervous system.

11. Use medical terminology as it applies to the senses.

Objectives:

11.1 Define medical terms related to the general senses.

11.2 Explain medical terms related to the ear.

- 11.3 Identify medical terms related to hearing.
- 11.4 Distinguish medical terms related to the eye.
- 11.5 Identify medical terms related to vision.
- 11.6 Use abbreviations in reference to the body senses.
- 11.7 Spell common medical terms specific to the senses.

12. Use medical terminology as it applies to the skeletal system.

Objectives:

- 12.1 Define medical terms related to the skeleton.
- 12.2 Explain medical terms related to bones.
- 12.3 Identify medical terms related to joints.
- 12.4 Use abbreviations in reference to the skeletal system.
- 12.5 Spell common medical terms specific to the skeletal system.

13. Use medical terminology as it applies to the muscular system.

Objectives:

- 13.1 Define medical terms related to muscles.
- 13.2 Explain medical terms as they relate to the action of muscles.
- 13.3 Use abbreviations in reference to the muscular system.
- 13.4 Spell common medical terms specific to the muscular system.

14. Use medical terminology as it applies to the skin.

Objectives:

- 14.1 Define medical terms related to the skin.
- 14.2 Explain medical terms related to the glands of the skin.
- 14.3 Use abbreviations in reference to the skin.
- 14.4 Spell common medical terms specific to the skin.