

# Medical Terminology (8383 - 36 weeks)

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### **A Demonstrating Personal Qualities and Abilities** MT.1

- 1 Demonstrate creativity and innovation. MT.1.1
  - 2 Demonstrate critical thinking and problem solving. MT.1.2
  - 3 Demonstrate initiative and self-direction. MT.1.3
  - 4 Demonstrate integrity. MT.1.4
  - 5 Demonstrate work ethic. MT.1.5
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### **B Demonstrating Interpersonal Skills** MT.2

- 6 Demonstrate conflict-resolution skills. MT.2.6
  - 7 Demonstrate listening and speaking skills. MT.2.7
  - 8 Demonstrate respect for diversity. MT.2.8
  - 9 Demonstrate customer service skills. MT.2.9
  - 10 Collaborate with team members. MT.2.10
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### **C Demonstrating Professional Competencies** MT.3

- 11 Demonstrate big-picture thinking. MT.3.11
- 12 Demonstrate career- and life-management skills. MT.3.12
- 13 Demonstrate continuous learning and adaptability. MT.3.13
- 14 Manage time and resources. MT.3.14
- 15 Demonstrate information-literacy skills. MT.3.15
- 16 Demonstrate an understanding of information security. MT.3.16
- 17 Maintain working knowledge of current information-technology (IT) systems. MT.3.17
- 18 Demonstrate proficiency with technologies, tools, and machines common to a specific occupation. MT.3.18
- 19 Apply mathematical skills to job-specific tasks. MT.3.19
- 20 Demonstrate professionalism. MT.3.20
- 21 Demonstrate reading and writing skills. MT.3.21
- 22 Demonstrate workplace safety. MT.3.22

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**D Examining All Aspects of an Industry** MT. 4

- 23 Examine aspects of planning within an industry/organization. MT. 4. 23
- 24 Examine aspects of management within an industry/organization. MT. 4. 24
- 25 Examine aspects of financial responsibility within an industry/organization. MT. 4. 25
- 26 Examine technical and production skills required of workers within an industry/organization. MT. 4. 26
- 27 Examine principles of technology that underlie an industry/organization. MT. 4. 27
- 28 Examine labor issues related to an industry/organization. MT. 4. 28
- 29 Examine community issues related to an industry/organization. MT. 4. 29
- 30 Examine health, safety, and environmental issues related to an industry/organization. MT. 4. 30

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**E Addressing Elements of Student Life** MT. 5

- 31 Identify the purposes and goals of the student organization. MT. 5. 31
- 32 Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult. MT. 5. 32
- 33 Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects. MT. 5. 33
- 34 Identify Internet safety issues and procedures for complying with acceptable use standards. MT. 5. 34

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**F Exploring Work-Based Learning** MT. 6

- 35 Identify the types of work-based learning (WBL) opportunities. MT. 6. 35
- 36 Reflect on lessons learned during the WBL experience. MT. 6. 36
- 37 Explore career opportunities related to the WBL experience. MT. 6. 37
- 38 Participate in a WBL experience, when appropriate. MT. 6. 38

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**G Understanding Medical Terminology** MT. 7

- 39 Explain how medical terms are developed. MT. 7. 39
- 40 Define common medical word roots. MT. 7. 40
- 41 Define common medical prefixes. MT. 7. 41
- 42 Define common medical suffixes. MT. 7. 42
- 43 Demonstrate pronunciation of medical terms. MT. 7. 43
- 44 Apply the components of medical terminology (i.e., prefixes, word roots, suffixes). MT. 7. 44

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## **H Understanding Medical Abbreviations** MT.8

- 45 Explain medical abbreviations related to body systems. MT.8.45
- 46 Identify medical abbreviations related to pathological conditions. MT.8.46
- 47 Identify medical abbreviations related to diagnostic procedures. MT.8.47
- 48 Explain medical abbreviations related to documentation. MT.8.48
- 49 Identify medical abbreviations related to pharmacology. MT.8.49
- 50 Identify abbreviations related to healthcare regulations and regulatory systems. MT.8.50

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## **I Understanding Body Structure and Organization** MT.9

- 51 Explain anatomical reference systems used to organize the body structure. MT.9.51
- 52 Describe the organization of the human body. MT.9.52
- 53 Identify body cavities and the organs located within these cavities. MT.9.53
- 54 Identify body planes. MT.9.54
- 55 Identify body directions. MT.9.55
- 56 Identify body regions. MT.9.56
- 57 Define anatomy and physiology. MT.9.57

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## **J Understanding the Integumentary System** MT.10

- 58 Identify the major structures of the integumentary system. MT.10.58
- 59 Describe the role of the integumentary system. MT.10.59
- 60 Assemble word elements to form medical terms related to the integumentary system. MT.10.60
- 61 Identify common pathological conditions of the integumentary system. MT.10.61
- 62 Identify common laboratory tests and clinical procedures related to the integumentary system, including related abbreviations. MT.10.62
- 63 Identify common therapeutic interventions related to the integumentary system. MT.10.63

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**K Understanding the Musculoskeletal System** MT.11

- 64 Identify the major structures of the musculoskeletal system. MT.11.64
- 65 Describe the function of the musculoskeletal system. MT.11.65
- 66 Assemble word elements to form medical terms related to the musculoskeletal system. MT.11.66
- 67 Identify common pathological conditions of the musculoskeletal system. MT.11.67
- 68 Identify common laboratory tests and clinical procedures related to the musculoskeletal system, including related abbreviations. MT.11.68
- 69 Identify common therapeutic interventions related to the musculoskeletal system. MT.11.69

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**L Understanding the Cardiovascular System** MT.12

- 70 Identify the major structures of the cardiovascular system. MT.12.70
- 71 Describe the functions of the cardiovascular system. MT.12.71
- 72 Assemble word elements to form medical terms related to the cardiovascular system. MT.12.72
- 73 Identify common pathological conditions of the cardiovascular system. MT.12.73
- 74 Identify common laboratory tests and clinical procedures related to the cardiovascular system, including related abbreviations. MT.12.74
- 75 Identify common therapeutic interventions related to the cardiovascular system. MT.12.75

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**M Understanding the Respiratory System** MT.13

- 76 Identify the major structures of the respiratory system. MT.13.76
- 77 Describe the function of the respiratory system. MT.13.77
- 78 Assemble word elements to form medical terms related to the respiratory system. MT.13.78
- 79 Identify common pathological conditions of the respiratory system. MT.13.79
- 80 Identify common laboratory tests and clinical procedures related to the respiratory system, including related abbreviations. MT.13.80
- 81 Identify common therapeutic interventions related to the respiratory system. MT.13.81

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**N Understanding the Nervous System** MT.14

- 82 Identify the major structures of the nervous system. MT.14.82
- 83 Describe the function of the nervous system. MT.14.83
- 84 Assemble word elements to form medical terms related to the nervous system. MT.14.84
- 85 Identify common pathological conditions of the nervous system. MT.14.85
- 86 Identify common laboratory tests and clinical procedures related to the nervous system, including related abbreviations. MT.14.86
- 87 Identify common therapeutic interventions related to the nervous system. MT.14.87

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**O Understanding the Urinary System** MT.15

- 88 Identify the major structures of the urinary system. MT.15.88
- 89 Describe the role of the urinary system. MT.15.89
- 90 Assemble word elements to form medical terms related to the urinary system. MT.15.90
- 91 Identify the common pathological conditions of the urinary system. MT.15.91
- 92 Identify common laboratory tests and clinical procedures related to the urinary system, including related abbreviations. MT.15.92
- 93 Identify common therapeutic interventions related to the urinary system. MT.15.93

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**P Understanding the Female Reproductive System** MT.16

- 94 Identify the major structures of the female reproductive system. MT.16.94
- 95 Describe the role of the female reproductive system. MT.16.95
- 96 Assemble word elements to form medical terms related to the female reproductive system. MT.16.96
- 97 Identify common pathological conditions of the female reproductive system and of the newborn. MT.16.97
- 98 Identify common laboratory tests and clinical procedures related to the female reproductive system, including related abbreviations. MT.16.98
- 99 Identify common therapeutic interventions related to the female reproductive system. MT.16.99

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**Q Understanding the Male Reproductive System** MT.17

- 100 Identify the major structures of the male reproductive system. MT.17.100
- 101 Describe the role of the male reproductive system. MT.17.101
- 102 Assemble word elements to create medical terms related to the male reproductive system. MT.17.102
- 103 Identify common pathological conditions of the male reproductive system. MT.17.103
- 104 Identify common laboratory tests and clinical procedures related to the male reproductive system, including related abbreviations. MT.17.104
- 105 Identify common therapeutic interventions related to the male reproductive system. MT.17.105

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**R Understanding the Lymphatic and Immune Systems** MT.18

- 106 Identify the major structures of the lymphatic and immune systems. MT.18.106
- 107 Describe the role of the lymphatic and immune systems. MT.18.107
- 108 Assemble word elements to form medical terms related to the lymphatic and immune systems. MT.18.108
- 109 Identify major pathological conditions of the lymphatic and immune systems. MT.18.109
- 110 Identify common laboratory tests and clinical procedures related to the lymphatic and immune systems, including related abbreviations. MT.18.110
- 111 Identify common therapeutic interventions related to the lymphatic and immune systems. MT.18.111

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**S Understanding the Gastrointestinal System** MT.19

- 112 Identify the major structures of the gastrointestinal system. MT.19.112
- 113 Describe the role of the gastrointestinal system. MT.19.113
- 114 Assemble word elements to form medical terms related to the gastrointestinal system. MT.19.114
- 115 Identify common pathological conditions of the gastrointestinal system. MT.19.115
- 116 Identify common laboratory tests and clinical procedures related to the gastrointestinal system, including related abbreviations. MT.19.116
- 117 Identify common therapeutic interventions related to the gastrointestinal system. MT.19.117

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## **T Understanding the Endocrine System** MT.20

- 118 Identify the major structures of the endocrine system. MT.20.118
- 119 Describe the role of the endocrine system. MT.20.119
- 120 Assemble word elements to form medical terms related to the endocrine system. MT.20.120
- 121 Identify common pathological conditions of the endocrine system. MT.20.121
- 122 Identify common laboratory tests and clinical procedures related to the endocrine system, including related abbreviations. MT.20.122
- 123 Identify common therapeutic interventions related to the endocrine system. MT.20.123

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## **U Understanding the Sensory System** MT.21

- 124 Identify the major structures of the sensory system. MT.21.124
- 125 Describe the role of the sensory system. MT.21.125
- 126 Assemble word elements to form medical terms related to the sensory system. MT.21.126
- 127 Identify common pathological conditions of the sensory system. MT.21.127
- 128 Identify common laboratory tests and clinical procedures related to the sensory system, including related abbreviations. MT.21.128
- 129 Identify common therapeutic interventions related to the sensory system. MT.21.129

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## **V Understanding Mental Health** MT.22

- 130 Explain how mental health disorders differ from disorders related to other body systems. MT.22.130
- 131 Assemble word elements to form medical terms related to mental health. MT.22.131
- 132 Identify common mental health disorders. MT.22.132
- 133 Identify common diagnostic procedures related to mental health. MT.22.133
- 134 Identify common therapeutic interventions related to mental health. MT.22.134
- 135 Identify signs of elder, domestic, and child abuse. MT.22.135

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## **W Understanding Terms Used in Healthcare Provision** MT.23

- 136 Identify common medical terms used to communicate with other health professionals. MT.23.136
- 137 Describe terms related to healthcare delivery. MT.23.137
- 138 Assemble word elements to form terms related to selected health careers and healthcare providers. MT.23.138

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**X Understanding Health Informatics** MT.24

- 139 Examine the role of technology in the healthcare field. MT.24.139
- 140 Describe techniques for confidential communication of health/medical information within legal/regulatory guidelines. MT.24.140
- 141 Demonstrate the assessment of abstracted information from medical records and other documents, applying knowledge of medical terminology. MT.24.141

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**Y Understanding Disciplines/Departments Involved in Healthcare Delivery** MT.25

- 142 Identify the disciplines of the laboratory. MT.25.142
- 143 Identify imaging techniques and nuclear-medicine tests. MT.25.143

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**Z Understanding the Healthcare Delivery System** MT.26

- 144 Describe the interdisciplinary services offered in health care. MT.26.144
- 145 Identify health careers. MT.26.145
- 146 Identify common medical specialties. MT.26.146
- 147 Describe types of healthcare settings. MT.26.147
- 148 Describe patient care services. MT.26.148