



Science, Allied Health, Health, & Engineering Department

Course: **MED 125 Medical Terminology**

Instructor: Elaine Ippolito

CRN: 3384 Semester: Spring 2019

Science, Allied Health, Health, & Engineering Department

Course: **MED 125 Medical Terminology**

CRN: **1181**

Semester: **Spring 2019**

Location: Fully Online

Day/Time: Assignments due weekly.

**Instructor**

Name: Elaine Ippolito

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Office Hours [Wheaton Hall, Room 313]: Tuesday 12:30 pm -1:30 pm; Wednesday 11:00 am – 12 noon; Thursday 12:30 pm – 1:30 pm, or by appointment.

**Course Description (from college catalog):**

This course is an introduction to basic medical terminology including origins of scientific terms, suffixes and prefixes which will enhance student ability to interpret and discuss scientific and clinical concepts. Concentration is on medical terminology which facilitates the student's comprehension of materials in patient records, medical reports and scientific articles. Clinical cases including diagnostic reports are utilized for discussion in this course. Updated October 2014) **Course Prerequisites:** Eligible for either ENG\*101E or 101

**Program/Discipline Learning Outcomes Contained in Course**

Designated TAP Learning Outcomes (Competencies) of the Course

1. Describe structural organization of the human body
2. Identify body systems
3. Describe body planes, directional terms, quadrants, and cavities
4. List major organs in each body system
5. Identify the anatomical location of major organs in each body system
6. Compare structure and function of the human body across the life span
7. Describe the normal function of each body system
8. Identify common pathology related to each body system including: signs, symptoms, etiology
9. Analyze pathology for each body system including: a. diagnostic measures b. treatment modalities
10. Identify CLIA waived tests associated with common diseases
11. Identify the classifications of medications including: a. indications for use b. desired effects c. side effects d. adverse reactions

**Textbooks and other required readings/computer software/materials/library reserve:**

Medical Terminology for Health Professionals, 8<sup>th</sup> Edition by Ehrlich and Schroeder (required) with MindTap access code. ISBN: 9781337123099. This course will use the MindTap online resources that accompanies your text. Links and log-in instructions are in the Blackboard course.

**Methods of Instruction:**

Learning will be achieved through use of textbook readings, lecture slides, online videos, library resources, and web links. The Resources and assignments will be delivered through Cengage MindTap. Students may submit questions about course materials in class, through online discussion boards, or may visit me during office hours. It is important to read all the assigned material and view any video resources posted to the Blackboard Course and MindTap.

**Attention Mobile Users:**

Some course content as presented in Blackboard Learn is not fully supported on mobile devices at this time. While mobile devices provide a convenient access to check in and read information about your courses, they should not be used to perform work such as taking tests, completing assignments or submitting substantive discussion posts.

**Communication Plan:**

These are my expectations for electronic communication:

- I will remove posts that I determine to be inappropriate or unprofessional.
- Post all questions regarding course readings, assignments, or assessments to the Discussion Board.
- Please use email (course messages) \*ONLY\* when the subject is of a personal and confidential matter. If the question you ask is of a nature that even one other person in the course could benefit from the answer, post the question in the appropriate discussion board forum.
- Use APA Style for written submissions in this course [www.apastyle.org](http://www.apastyle.org).
- The writing style of discussion boards should be formal and business-appropriate, including citation of sources.

**Technology and Social Media:**

- Students should not mix personal and academic/professional contacts and accounts when using social media. Students should create social media accounts specifically for professional/academic use to separate their personal online persona from their professional/academic work.
- The college assigns and e-mail account to all students. I will communicate with students through course e-mail or through e-mail directly to the student's Middlesex Community College e-mail address.
- I will not accept requests to connect with students from my personal social media accounts.

**Attendance Policy:**

Attendance in face-to-face courses and regular activity in online courses is essential to student success. If you have decided not to continue in a course, do not simply stop attending. You need to withdraw officially. Only students who withdraw from class will receive a grade of W. Otherwise, students will receive the grade they have earned.

**Course Evaluation and Grading:**

**Use APA Style for written submissions in this course [www.apastyle.org](http://www.apastyle.org).**

The MindTap course contains reading, practice exercises, and graded exercises. When viewing the list of MindTap resources, you will see that the items that count toward your grade are labelled.

MindTap Activities	80%
Final Exam	20%
Total	100%

The final grade will be evaluated as a percentage and will translate into letter grades as follows:

Letter Grade	Percent Grade
A	93.0-100.0
A-	90.0-92.9
B+	87.0-89.9
B	83.0-86.9
B-	80.0-82.9
C+	77.0-79.9
C	73.0-76.9
C-	70.0-72.9

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<b>D+</b>	67.0-69.9
<b>D</b>	63.0-66.9
<b>D-</b>	60.0-62.9
<b>F</b>	Less than 60.0

**Additional Syllabus Information and College Policies:**

For information about the college's policies and procedures regarding academic honesty, accessibility/disability services, nondiscrimination, attendance, audio-recording in the classroom, grade appeals, plagiarism, religious accommodations, weather/emergency closings, and more, please go to the following website: [www.mxcc.edu/catalog/syllabus-policies/](http://www.mxcc.edu/catalog/syllabus-policies/)

**Course Schedule:**

The following syllabus may be updated at the discretion of the instructor, please refer to Weekly Assignments and Announcements for any changes during the course. **Please note: Due to Spring Break, there will be no classes during the week of 3/11/19 – 3/17/19**

Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<b>Week 1</b> 1/24 – 1/27	Syllabus Schedule MindTap Instructions Introductions Introduction to Medical Terminology	<ul style="list-style-type: none"> <li>▪ Describe structural organization of the human body</li> <li>▪ Identify body systems</li> <li>▪ Describe body planes, directional terms, quadrants, and cavities</li> </ul>	<p><i>Discussion – Introduce Yourself</i>  <i>Ch 1 Introduction to Medical Terminology</i>  <i>1. Check Yourself</i>  <i>1.1 Word Part Mastery</i>  <i>1.2 Building Terms</i>  <i>1.3 Vocabulary</i>  <i>1.4 Spelling Terms</i>  <i>1.1 Image Labeling</i>  <i>1.5 Spelling Terms</i>  <i>1.6 Vocabulary</i>  <i>1.8 Building Terms</i>  <i>1.9 Vocabulary</i>  <i>1.10 Spelling Terms</i>  <i>1. Chapter Homework</i>  <i>Assessment 1. Apply Yourself: Learning lab</i>  <i>1. Test Yourself</i>  <b>Due: 1/27/19</b></p>

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<p><b>Week 2</b> 1/28 – 2/3</p>	<p>Health and Disease Word Part Review</p>	<ul style="list-style-type: none"> <li>▪ Describe structural organization of the human body</li> <li>▪ Identify body systems</li> <li>▪ Describe body planes, directional terms, quadrants, and cavities</li> </ul>	<p>Ch 2 The Human Body in Health and Disease Check Yourself 2.1 Word Part Mastery 2.2 Building Terms 2.3 Vocabulary 2.4 Spelling Terms 2.1 Image Labeling 2.5 Word Part Mastery 2.6 Building Terms 2.7 Vocabulary 2.8 Spelling Terms 2.9 Word Part Mastery 2.10 Building Terms 2.11 Vocabulary 2.12 Spelling Terms 2.13 Abbreviations 2. Chapter Homework Assessment 2. Apply Yourself: Learning lab 2. Test Yourself Word Part Review Part Review 1 Matching Word Part Review 3 Fill in the Blank Word Part Post-Test Word Part Post-Test 1 Fill in the Blank Word Part Post-Test 2 Matching Word Part Post-Test 4 Fill in the Blank <b>Due: 2/3/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 3</b> 2/4 – 2/10</p>	<p>Skeletal System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 3 The Skeletal System 3. Check Yourself 3.1 Word Part Mastery 3.2 Building Terms 3.3 Vocabulary 3.4 Spelling Terms 3.1 Image Labeling 3.5 Word Part Mastery 3.6 Building Terms 3.7 Vocabulary 3.8 Spelling Terms 3.2 Image Labeling 3.9 Word Part Mastery 3.10 Building Terms 3.11 Vocabulary 3.12 Spelling Terms 3.13 Abbreviations 3. Chapter Assessment 3. Apply Yourself: Learning lab 3. Test Yourself <b>Due: 2/10/19</b></p>

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<p><b>Week 4</b> 2/11 – 2/17</p>	<p>Muscular System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 4 The Muscular System 4. Check Yourself 4.1 Word Part Mastery 4.2 Building Terms 4.3 Vocabulary 4.4 Spelling Terms 4.1 Image Labeling 4.5 Word Part Mastery 4.6 Building Terms 4.7 Vocabulary 4.8 Spelling Terms 4.9 Word Part Mastery 4.10 Building Terms 4.11 Vocabulary 4.12 Spelling Terms 4.13 Abbreviations 4. Chapter Homework Assessment 4. Apply Yourself: Learning lab 4. Test Yourself <b>Due: 2/17/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 5</b> 2/18 – 2/24</p>	<p>Cardiovascular System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 5 The Cardiovascular System 5. Check Yourself 5.1 Word Part Mastery 5.2 Building Terms 5.3 Vocabulary 5.4 Spelling Terms 5.1 Image Labeling 5.2 Image Labeling 5.5 Word Part Mastery 5.6 Building Terms 5.7 Vocabulary 5.8 Spelling Terms 5.9 Word Part Mastery 5.10 Building Terms 5.11 Vocabulary 5.12 Spelling Terms 5.13 Abbreviations 5. Chapter Homework Assessment 5. Apply Yourself: Learning lab 5. Test Yourself <b>Due: 2/24/2019</b></p>

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<p><b>Week 6</b> 2/25 – 3/3</p>	<p>Lymphatic System  Immune System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>CH 6 The Lymphatic and Immune Systems 6. Check Yourself 6.1 Word Part Mastery 6.2 Building Terms 6.3 Vocabulary 6.4 Spelling Terms 6.1 Image Labeling 6.5 Word Part Mastery 6.6 Building Terms 6.7 Vocabulary 6.8 Spelling Terms 6.9 Word Part Mastery 6.10 Building Terms 6.11 Vocabulary 6.12 Spelling Terms 6.13 Abbreviations 6. Chapter Homework Assessment 6. Apply Yourself: Learning lab 6. Test Yourself <b>Due: 3/3/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 7</b> 3/4 – 3/10</p>	<p>Respiratory System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 7 The Respiratory System 7. Check Yourself 7.1 Word Part Mastery 7.2 Building Terms 7.3 Vocabulary 7.4 Spelling Terms 7.1 Image Labeling 7.5 Word Part Mastery 7.6 Building Terms 7.7 Vocabulary 7.8 Spelling Terms 7.9 Word Part Mastery 7.10 Building Terms 7.11 Vocabulary 7.12 Spelling Terms 7.13 Abbreviations 7. Chapter Homework Assessment 7. Apply Yourself: Learning lab 7. Test Yourself <b>Due: 3/10/2019</b></p>

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<p><b>Week 8</b> 3/18 – 3/24</p>	<p>Digestive System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 8 The Digestive System 8. Check Yourself 8.1 Word Part Mastery 8.2 Building Terms 8.3 Vocabulary 8.4 Spelling Terms 8.1 Image Labeling 8.5 Word Part Mastery 8.6 Building Terms 8.7 Vocabulary 8.8 Spelling Terms 8.9 Word Part Mastery 8.10 Building Terms 8.11 Vocabulary 8.12 Spelling Terms 8.13 Abbreviations 8. Chapter Homework Assessment 8. Apply Yourself: Learning lab 8. Test Yourself <b>Due: 3/24/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 9</b> 3/25 – 3/31</p>	<p>Urinary System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 9 The Urinary System 9. Check Yourself 9.1 Word Part Mastery 9.2 Building Terms 9.3 Vocabulary 9.4 Spelling Terms 9.1 Image Labeling 9.5 Word Part Mastery 9.6 Building Terms 9.7 Vocabulary 9.8 Spelling Terms 9.9 Word Part Mastery 9.10 Building Terms 9.11 Vocabulary 9.12 Spelling Terms 9.13 Abbreviations 9. Chapter Homework Assessment 9. Apply Yourself: Learning lab 9. Test Yourself <b>Due: 3/31/2019</b></p>

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<p><b>Week 10</b> 4/1 – 4/7</p>	<p>Nervous System  Mental Health</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 10 The Nervous System and Mental Health 10. Check Yourself 10.1 Word Part Mastery 10.2 Building Terms 10.3 Vocabulary 10.4 Spelling Terms 10.1 Image Labeling 10.5 Word Part Mastery 10.6 Building Terms 10.7 Vocabulary 10.8 Spelling Terms 10.9 Word Part Mastery 10.10 Building Terms 10.11 Vocabulary 10.12 Spelling Terms 10.13 Abbreviations 10. Chapter Homework Assessment 10. Apply Yourself: Learning lab 10. Test Yourself <b>Due: 4/7/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 11</b> 4/8 – 4/14</p>	<p>Special Senses</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 11 Special Senses: The Eyes and Ears 11. Check Yourself 11.1 Word Part Mastery 11.2 Building Terms 11.3 Vocabulary 11.4 Spelling Terms 11.1 Image Labeling 11.5 Word Part Mastery 11.6 Building Terms 11.7 Vocabulary 11.8 Spelling Terms 11.9 Word Part Mastery 11.10 Building Terms 11.11 Vocabulary 11.12 Spelling Terms 11.2 Image Labeling 11.13 Word Part Mastery 11.14 Building Terms 11.15 Vocabulary 11.16 Spelling Terms 11.17 Abbreviations 11. Chapter Homework Assessment 11. Apply Yourself: Learning lab 11. Test Yourself <b>Due: 4/14/2019</b></p>



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<p><b>Week 12</b> 4/15 – 4/21</p>	<p>Integumentary System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology body system</li> </ul>	<p>Ch 12 Skin: The Integumentary System 12. Check Yourself 12.1 Word Part Mastery 12.2 Building Terms 12.3 Vocabulary 12.4 Spelling Terms 12.1 Image Labeling 12.5 Word Part Mastery 12.6 Building Terms 12.7 Vocabulary 12.8 Spelling Terms 12.9 Word Part Mastery 12.10 Building Terms 12.11 Vocabulary 12.12 Spelling Terms 12.13 Abbreviations 12. Chapter Homework Assessment 12. Apply Yourself: Learning lab 12. Test Yourself <b>Due: 4/21/2019</b></p>
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Week # & Dates	Topics	Outcomes/Learning Objectives	Reading & Assignments
<p><b>Week 13</b> 4/22 – 4/28</p>	<p>Endocrine System</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology body system</li> </ul>	<p>Ch 13 The Endocrine System 13. Check Yourself 13.1 Word Part Mastery 13.2 Building Terms 13.3 Vocabulary 13.4 Spelling Terms 13.1 Image Labeling 13.5 Word Part Mastery 13.6 Building Terms 13.7 Vocabulary 13.8 Spelling Terms 13.9 Word Part Mastery 13.10 Building Terms 13.11 Vocabulary 13.12 Spelling Terms 13.13 Abbreviations 13. Chapter Homework Assessment 13. Apply Yourself: Learning lab 13. Test Yourself <b>Due: 4/28/2019</b></p>

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<p><b>Week 14</b> 4/29 – 5/5</p>	<p>Reproductive Systems</p>	<ul style="list-style-type: none"> <li>▪ List major organs in each body system</li> <li>▪ Identify the anatomical location of major organs in each body system</li> <li>▪ Compare structure and function of the human body across the life span</li> <li>▪ Describe the normal function of each body system</li> <li>▪ Identify common pathology related to each body system including: signs, symptoms, etiology</li> </ul>	<p>Ch 14 The Reproductive Systems 14. Check Yourself 14.1 Word Part Mastery 14.2 Building Terms 14.3 Vocabulary 14.4 Spelling Terms 14.1 Image Labeling 14.5 Word Part Mastery 14.6 Building Terms 14.7 Vocabulary 14.8 Spelling Terms 14.9 Word Part Mastery 14.10 Building Terms 14.11 Vocabulary 14.12 Spelling Terms 14.2 Image Labeling 14.13 Word Part Mastery 14.14 Building Terms 14.15 Vocabulary 14.16 Spelling Terms 14.17 Abbreviations 14. Chapter Homework Assessment 14. Apply Yourself: Learning lab 14. Test Yourself <b>Due: 5/5/2019</b></p>
<p>Week # &amp; Dates</p>	<p>Topics</p>	<p>Outcomes/Learning Objectives</p>	<p>Reading &amp; Assignments</p>
<p><b>Week 15</b> 5/6 - 5/12</p>	<p>Diagnostic Procedures Nuclear Medicine Pharmacology Review</p>	<ul style="list-style-type: none"> <li>▪ Analyze pathology for each body system including: a. diagnostic measures b. treatment modalities</li> <li>▪ Identify CLIA waived tests associated with common diseases</li> <li>▪ Identify the classifications of medications including: a. indications for use b. desired effects c. side effects d. adverse reactions</li> </ul>	<p>Ch 15 Diagnostic Procedures, Nuclear Medicine, and Pharmacology 15. Check Yourself 15.1 Word Part Mastery 15.2 Building Terms 15.3 Vocabulary 15.4 Spelling Terms 15.1 Image Labeling 15.5 Word Part Mastery 15.6 Building Terms 15.7 Vocabulary 15.8 Spelling Terms 15.9 Word Part Mastery 15.10 Building Terms 15.11 Vocabulary 15.12 Spelling Terms 15.2 Image Labeling 15.13 Abbreviations 15. Chapter Homework Assessment 15. Apply Yourself: Learning lab 15. Test Yourself CR.2 Spelling Terms CR.1 Building Terms Comprehensive Review Quiz <b>Due: 5/12/2019</b></p>

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<b>Exam Week</b> 5/13 – 5/18	Final Exam	<ul style="list-style-type: none"><li>▪ Comprehensive final exam consists of 50 multiple choice questions. It is timed and limited to 2.5 hours (150 minutes).</li><li>▪ Exam opens on 5/13/19</li><li>▪ <b>Exam must be completed by 11:59pm on 5/18/19.</b></li></ul>	Final Exam Spring 2019
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