

# PALM 200 – Medical Terminology OER Development and Implementation

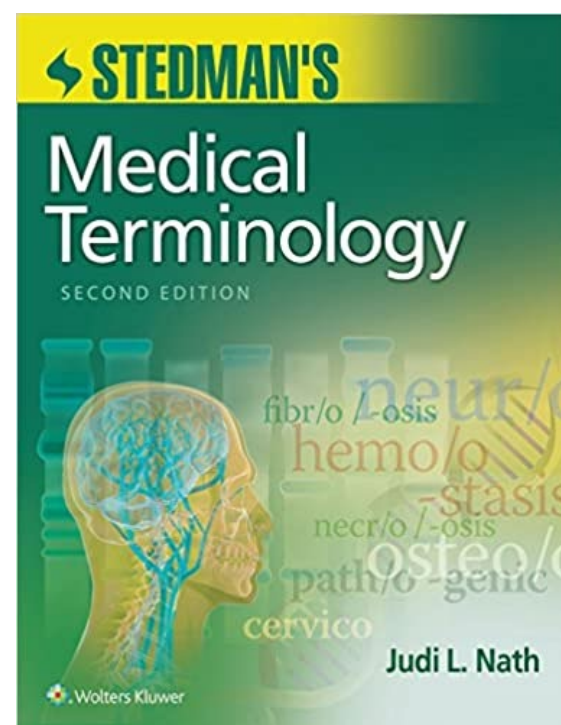
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## INTRODUCTION

- There were no medical terminology courses at WVU Tech. Medical terminology is often a pre-requisite course for post-graduate programs.
- **Students enrolled are:**
  - 58% FR/SO –Biology, Gen. Ed., Pre-Nursing, & Psychology students
  - 42% JR/SR Biology-students



Textbook cost of Steadman's Medical Terminology Second Ed. (Nath and Steadman) = \$32-110.

- **Observations:** Students would report registering for online classes outside of WVU Tech.
- **Objectives:** To find OER to replace existing textbook and to remix/develop OER for human A&P courses.

## METHOD SUMMARY

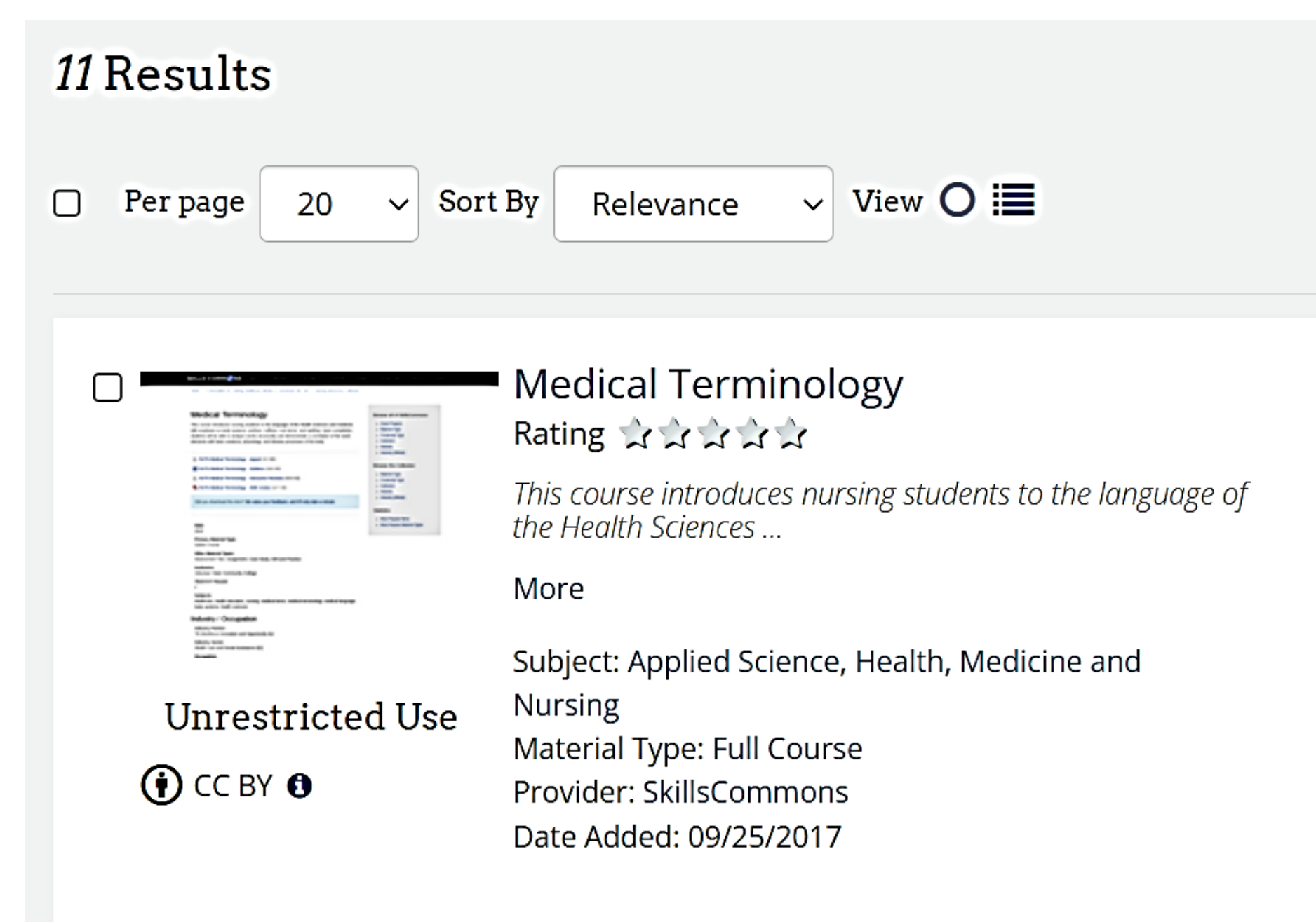
- 1) Literature review of textbooks and medical terminology OER.
- 2) Implementation and revision of OER in PALM 200 Spring 2023.

## Implementation of Medical Terminology Open Educational Resources in Spring 2023.

### Expected Learning Outcomes:

Upon successful completion of this course, the student will be able to:

1. Recognize, define, and spell selected medical terms correctly.
2. Convert the singular form of medical terms to the plural form.
3. Convert the plural form of medical terms to the singular form.
4. Recognize basic anatomical structures and define medical terms associated with anatomy.
5. Correctly utilize medical prefixes, suffixes and roots words.
6. Define selected medical acronyms.
7. Define selected pathological conditions and diseases.
8. Distinguish between selected pathological conditions and diseases.
9. Associate selected medical tests and/or procedures with medical diseases or disorders.



### Medical Terminology for Healthcare Professions

Textbook by Andrea Nelson and Katherine Greene licensed under a Creative Commons Attribution 4.0 International License, except where otherwise noted.

Textbook Link: <https://pressbooks.uwf.edu/medicalterminology/>

Click the “READ BOOK” button.

To navigate the book online, click the black “CONTENTS” menu button (upper left-hand side of the screen) to select Main Body Chapters 1-18.

**Textbook cost of  
PDF and online version = \$0**



## CONCLUSIONS

- Identified OER textbook that was equivalent to original text with multiple modes of access.
- Remixed access to content and updated materials to reference the textbook chapters.
- 2023 PALM 200 students (n = 19) utilized online textbook. Mentioned that the interactive activities and format of the textbook online was very easy to navigate.

## FUTURE DIRECTIONS

Continue to remix/develop OER for Medical Terminology–

Need to now identify a platform for including the recordings of the medical terms that are needed to be linked to the textbook

Option to include video recordings to allow for reading of lips

## ACKNOWLEDGMENTS

- WVU Libraries and TLC OER Grant Recipient 2022-2023 – Innovate Level.