



**Tech Prep Articulation Agreement
Between
University of Alaska Southeast (UAS)
and
Ketchikan Gateway Borough School District (KGBSD)**

**Health Sciences
School Year 2016-2017**

Purpose:

In addition to the general Tech Prep Agreement, the purpose of this articulation agreement is to outline the mutual understanding as we have agreed to the following process and criteria with respect to the program of Health Sciences.

Course:

The school district program will follow a curriculum coordinated with the administration and faculty of UAS pertaining to the following course:

Health Science - Medical Terminology

HS S135 An introduction to root forms, prefixes and suffixes and medical abbreviations. Focus is on terminology of body systems related to symptomatology, diseases and treatment. **3 Credits (3+0)**

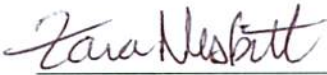
Prerequisite: High School Biology


Although teaching methods may differ, this course will be subject to the instructional objectives and outcomes of the attached UAS syllabus.

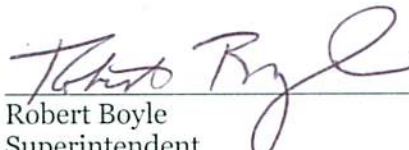
Administration:

1. Students must have an overall 2.0 GPA to register for university credit.
2. It is recommended that course work be completed at a level of 3.0 GPA.
3. Students must have successfully completed a full year of biology prior to enrolling in the Introduction to Health Science and Medical Terminology courses.
4. Students must have achieved at least junior status in order to enroll in the Introduction to Health Science and Medical Terminology course.
5. UAS program chairs shall review and approve all course syllabi and related curriculum documents to ensure they replicate the UAS course. This includes standardized course syllabi, course objectives, textbooks, tools, equipment, and methods for evaluation.
6. To receive concurrent credit, the student will register for the Tech Prep course at the beginning of the term in which the competencies will be completed. Registration for yearlong courses will take place during the fall semester.
7. The UAS grade posted will be the UAS grade earned for the course and submitted by the district instructor.
8. Student grades will be submitted by 5:00 p.m. of the final day of the district semester at uaonline.alaska.edu.
9. Any change in instructor requires suspension of this addendum.

 8/14/2016
 Chris Urata, Program Head Date
 Health Sciences
 University of Alaska Southeast

 5.17.16
 Zara Nesbitt Date
 Health Science Instructor
 Ketchikan Gateway Borough School District

 8.18.16
 Pete Traxler, Dean Date
 School of Career Education
 University of Alaska Southeast

 5/17/16
 Robert Boyle Date
 Superintendent
 Ketchikan Gateway Borough School District

Spring 2015
SYLLABUS
MEDICAL TERMINOLOGY HS 135
Monday & Wednesday 5:30pm – 7:00pm
January 12, 2015 – May 1, 2015
3 Credits

INSTRUCTOR:

Cindy M. Cork, OD

cmcork@uas.alaska.edu

Office hours: Monday and Wednesday after class in the classroom or Spikes café.

COURSE DESCRIPTION:

Focus is on terminology of body systems, root forms, prefixes, suffixes, protocols, symptomatology, and medical abbreviations for the health care setting. Evaluation will be by means of attendance and class participation, a paper and presentation, quizzes, a mid-term and a final examination.

REQUIRED BOOK: Chabner, Davi-Ellen. The Language of Medicine. (10th Ed.)

SUGGESTED MATERIALS: 3 x 5 index cards

INSTRUCTION METHODS:

Lecture

Videos & Game

Individual Research & Presentation

Exercises & Exams

Quizzes

LEARNING SUPPORT:

The UAS Learning center is an excellent resource for academic support. For hours and information call 796-6348 or visit their website: <http://www.uas.alaska.edu/tlc/>

STUDENT RESPONSIBILITIES:

Each student is responsible for following the Student Code of Conduct found in the Student Rights and Responsibilities section of every UAS catalog.

DISABILITIES STATEMENT:

Students who have documented disabilities may contact the Disability Support Services Office at 796-6000 or dss@uas.alaska.edu.

COURSE EVALUATION:

During the last 3 weeks of the semester an evaluation of the course will be available to complete online. Your feedback and suggestions are important so continued improvements can be incorporated. Thank you for your time and assistance with improving this class.

UAS COMPETENCIES:

UAS faculty has defined six basic competencies in which students will be assessed periodically during their studies at UAS. These are: *Communication, Quantitative Skills, Information Literacy, Computer Usage, Professional Behavior, and Critical Thinking*.

LAST DAY TO DROP: 01/27/2015 for 100% refund

LAST DAY TO WITHDRAW: 04/10/2015

If I haven't seen or heard from you in three (3) consecutive class sessions, I will check with the registrar to see if you have dropped. If you haven't, then I will initiate a withdrawal.

COURSE OBJECTIVES

By the end of the course the student will be able to:

Understand the fundamental concepts of medical terminology

- Basic word structure
- Terms pertaining to the body as a whole

Understand fundamental terminology of body systems

- Basic introduction to anatomy
- Pathology of related body systems
- Clinical procedures, Lab tests related to specific body systems
- Abbreviations

Relate concepts to specific diseases

- Cardiovascular Disease
- Respiratory Illnesses
- Diabetes
- Cancer
- Psychiatric Disorders

Conceptualize a historical perspective of medical term development

- The origins of words
- Current regulatory & charting issues

Identify reliable sources of medical information

- Research specific topics
- Issues, trends and fads

Acquire experience in communication & pronunciation skills

- Individual/group presentation
- Group discussion & games

GRADING PERCENTAGES:

A: 100-94 A-: 93-90
B+: 89-87 B: 86-84 B-: 83-80
C+: 79-77 C: 76-74 C-: 73-70
D: 69-60
Below 60: F

ATTENDANCE AND ASSIGNMENT SCORING

Scoring is automatically translated to percentages in Blackboard

All categories are weighted and demonstrate student competency of the UAS general competencies.

Professional Behavior: (25%)

Attendance :	84 points (28 sessions X 3)
Participation:	252 points (28 sessions X 9)

Communication, Information Literacy and Computer Usage: (20% for paper and presentation)

Research article, due	100 points	Presentation
	100 points	

Critical Thinking: (55% total for quizzes and exams)

Online quizzes: (25%)	25 points each
Exams (2) (30%)	100 points midterm (15%)
	100 points final (15%)

Extra Credit

Popular press/literature article	12 points for each, maximum 2
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Please note: To pass this course with a C or better, the research article, presentation and both exams (mid-term and final) must be completed.

Please Note: This syllabus is a live document: assignments and topics may change. Updates will be posted as early and often as possible.

ASSIGNMENT AND GRADING INFORMATION

Attendance:

A major requirement for success in the work place is a strong work ethic. Arriving on time, being prepared and ready to participate is recognized in competency evaluations. This is the time to perfect your time management skills so that overall academic and work place performances are enhanced.

Students will be expected to attend every class. If unable to attend notify the instructor via email before class. There are no "excused" absences unless you have a doctor's note. It is the student's responsibility to request missed information.

Tardy: One point will be deducted from attendance for each tardy and /or leaving class early. Student will be considered tardy 10 minutes after the start of class.

Classroom attendance is scored 3 points for each class or 84 points in total.

Participation: Reading the assigned chapter should be done ahead of class so that you are familiar with the material. You are expected to contribute to class discussion, to ask questions, to collaborate with your classmates and participate in games. Your participation sets the learning milieu. Any quizzes given at the beginning of class will be part of your participation grade. Three points will be deducted from participation for each tardy/or leaving class early.

Participation carries a weight of 9 points for each class or 252 points in total.

Extra Credit

Popular press/literature article: Find an article in the newspaper or popular literature that includes a medical term. Bring the article to class to share. Be sure you know the meaning of the word so you can discuss your find! 12 points will be given for each article brought to class, with a limit of 2 articles total.

The articles are due by Monday April 13th, 2015.

If opportunities to earn extra credit arise throughout the semester they will be discussed in class and posted on the announcement page.

Extra credits points will be applied to the categories in the following order: attendance, participation, quizzes, midterm, and then final.

Quizzes: There will be 11 open book quizzes during the semester. To take the quiz, log onto Blackboard, HS135-Jo1 and then find the appropriate quiz. To help you learn the content for each quiz, you should first read the chapters so you are familiar with the material, then take the quiz. You may print out the quiz to use as a study guide. The quiz will be graded upon submission giving you immediate feedback.

Exams: There will be 2 closed book exams, one midterm covering the first 12 chapters and the final exam covering the last 10 chapters. These paper and pencil tests will be taken in the learning center. The midterm is worth 15% of your grade and the final 15%.

RESEARCH PAPER and CLASS PRESENTATION

(UAS competencies: Communication, Information Literacy, Computer Usage, Professional Behavior and Critical Thinking)

Objectives:

- Understand a particular diagnosis or condition
- Recognize, understand and use appropriate medical terminology
- Develop facility with library resources

RESEARCH PAPER

DUE Monday March 24th, 2015 @ 5:30pm, either hard copy or electronic.

Go to the library and select an article that is related to your presentation topic from a peer-reviewed health related journal, such as the American Journal of Nursing. After reading the article, write a 2 to 4 page paper to include:

- **a one paragraph summary of the article**
- **at least 5 of the pertinent medicals terms**
- **their meaning and how knowing the terms helped you understand the article**
- **one paragraph discussion on how the information in the article impacts patient care**
- **works cited page**

Using MLA format, the paper should be typed, double spaced using 12 point Times New Roman. If you have questions about how to set up your paper using MLA, please check out this website: <http://owl.english.purdue.edu/owl/search.php>

Grading criteria for paper:

10%- timeliness, 10 points will be removed for each day late, papers received after Wednesday will receive 1/2 the points with a maximum of 45 points.

20% - grammar, spelling, format

50%- content (5 points each medical term and meaning, 25 points for the summary)

10%- Works cited page

10%- a hard copy of the article

CLASS PRESENTATION OF A DISEASE OR CONDITION:

Individually, or in groups of two, research a diagnosis or condition that interests you. You should use at least 3 reputable online/library resources. Prepare, plan and organize a class presentation using the grading criteria listed below. Please email me your topic selection by Monday, March 2nd to prevent overlap of topics. Suggestion: Keep your topic small and manageable!

Topic Suggestions: In each chapter there are pathologic (disease) conditions listed. For instance, if you are interested in heart attacks or heart disease, that topic is found in Chapter 11, Cardiovascular. You could use this brief description as a starting point for your research topic. If you are unsure of a subject please see the list of topics for suggested ideas on the class Blackboard website.

Presentation Grading Criteria:

- 20% Content (Suggested topics to include: causes and prevention, incidence, risk factors, signs and symptoms, pertinent tests, treatment, prognosis, complications, and information from your professional article assignment)
- 10% Include and discuss pertinent medical terms related to the topic.
- 10% Use of multimedia equipment/visual aids/1-2 minute YouTube videos.
- 10% Start and Stop on time (between 5 and 10 minutes per person)
- 10% Professional presentation.
Dress professionally!! Includes a professional appearance and poise (no gum chewing or wearing hats).
- 10% Presentation presented on assigned day.
- 10% Include a question in your presentation you specifically want students to learn. Write out the question, include it in your presentation and turn it in. This may be used on the midterm or final.
- 20% Copy of presentation, presentation question and "Works Cited" page in MLA format to be turned in on the day of your presentation. Spelling and MLA formatting will be included.

SPRING 2015

CLASS SCHEDULE

Jan 05: **Online quiz #1 Chapter 1 opens

WEEK 1

Jan 12: Introduction, Overview & Chapter 1: Basic Word Structure

****Online quiz #2 Chapters 3 & 4 opens**

Jan 14: Chapter 2: Terms Pertaining to the Body as a Whole

****Online quiz #1 Chapters 1 & 2 closes at midnight Sunday Jan 18th**

WEEK 2

Jan 19: Chapter 3: Suffixes

****Online quiz #3 Chapters 5 & 6 opens**

Jan 21: Chapter 4: Prefixes

****Online quiz #2 Chapters 3 & 4 closes midnight Sunday Jan 25th**

WEEK 3

Jan 26: Chapters 5: Digestive System

****Online quiz #4 Chapters 7 & 8 opens**

Jan 28: Chapter 6: Digestive System

****Online quiz #3 Chapters 5 & 6 closes midnight Sunday Feb 1st**

WEEK 4

Feb 02: Chapter 7: Urinary System

****Online quiz #5 Chapters 9 & 10 opens**

Feb 04: Chapter 8: Female Reproductive System

****Online quiz #4 Chapters 7 & 8 closes midnight Sunday Feb 8th**

WEEK 5

Feb 09: Chapter 9: Male Reproductive System

****Online quiz #6 Chapters 11 & 12 opens**

Feb 11: Chapter 10: Nervous System

**** Online quiz #5 Chapters 9 & 10 closes midnight Sunday Feb 15th**

WEEK 6

Feb 16: Chapter 11: Cardiovascular System

****Presentation topics due****

Feb 18: Chapter 12: Respiratory System

**** Online quiz # 6 Chapters 11 & 12 closes midnight Sunday Feb 22nd**

WEEK 7

Feb 23: Chapter Review 1-12 for Mid-Term

****Online quiz #7 Chapters 13 & 14 opens**

Feb 25: Take mid-term, no class on Wednesday October 15, 2014

Mid-term exam in Learning Center, 2 hours will be allowed for this paper and pencil closed book text. Test will be available from Tuesday February 24th through Friday February 27th.

Learning Center Hours:

Monday thru Thursday: 9am-8pm

Friday 9am-4pm

WEEK 8

Mar 02: Chapter 13: Blood

****Online quiz #8 Chapters 15 & 16 opens**

Mar 04: Chapter 14: Lymphatic and Immune System

****Online quiz #7 chapters 13 & 14 closes midnight Sunday Mar 8th**

WEEK 9

- Mar 09: Chapter 15: Musculoskeletal System
Online quiz #9 Chapters 17 & 18 opens
- Mar 11: Chapter 16: Skin/Integumentary
**Online quiz #8 Chapters 15 & 16 closes midnight Sunday Mar 15th

WEEK 10

SPRING BREAK NO CLASS MARCH 16-21

WEEK 11

- Mar 23: Class Presentations
Research professional article due
- Mar 25: Class Presentations & Explore Health Sciences Careers

WEEK 12

- Mar 30: Chapter 17: Sense Organs: Eye and Ear
Online quiz #10 chapters 19 & 20 opens
- Apr 01: Chapter 18: Endocrine System
**Online quiz #9 Chapters 17 & 18 closes midnight Sunday Apr 5th

WEEK 13

- Apr 06: Chapter 19: Cancer Medicine (Oncology)
Online quiz #11 Chapters 21 & 22 Opens
- Apr 08: Chapter 20: Radiology and Nuclear Medicine
**Online quiz #10 Chapters 19 & 20 closes midnight Sunday Apr 12th

WEEK 14

- Apr 13: Chapter 21: Pharmacology
- Apr 15: Chapter 22: Psychiatry
**Online quiz #11 Chapters 21 & 22 closes midnight Sunday Apr 19th

WEEK 15

- Apr 20: Review for final exam
- Apr 22: Review for final exam

WEEK 16

- Apr 27: **NO CLASS: FINAL EXAM IN LEARNING CENTER**

**The exam will be available in the learning center beginning on Thursday April 23rd through Monday April 27th
Two hours will be allowed for this paper/pencil test.**

**Learning Center Hours:
Monday thru Thursday: 9am-8pm
Friday: 9am-4pm
Saturday: closed
Sunday: 3pm-7pm**