Fall 2014/Spring 2015

Articulation Agreement

University of Alaska Fairbanks  Kuspuk School District
Kuskokwim Campus  Box 49
Box 368  Aniak, AK 99557
Bethel, AK 99559

PURPOSE

In addition to the general Tech Prep Agreement between the University of Alaska Fairbanks and Kuspuk School District, we have agreed to the following courses that are with the Kuskokwim Campus Allied Health Program.

1. Kuspuk School District will follow the curriculum coordinated with the administration and faculty of the University of Alaska Fairbanks pertaining to the following courses:

<table>
<thead>
<tr>
<th>UAF</th>
<th>credits</th>
<th>KSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 100 Medical Terminology</td>
<td>3</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>HLTH 105 Intro. To Health Careers</td>
<td>2</td>
<td>Intro. To Health Careers</td>
</tr>
<tr>
<td>HLTH 110 Prof. Skills in the Workplace</td>
<td>2</td>
<td>Prof. Skills in the Workplace</td>
</tr>
<tr>
<td>HLTH 116 Mathematics in Health Care</td>
<td>3</td>
<td>Mathematics in Health Care</td>
</tr>
<tr>
<td>HLTH 122 First Aid/CPR</td>
<td>1</td>
<td>First Aid/CPR</td>
</tr>
</tbody>
</table>

2. Kuskokwim Campus will process student registration forms.
3. The syllabus will be following.
APPROVALS

Mary Pete, Director
University of Alaska Fairbanks
Kuskokwim Campus

Pete Pinney
Interim Vice Chancellor/
Executive Dean
University of Alaska Fairbanks

Shawn Russell
Date
University of Alaska Fairbanks
CRCD

Dr. Susan Henrichs
Provost
University of Alaska Fairbanks

Brad Allen, Superintendent
Kuspuk School District
Syllabus for HLTH 100
Medical Terminology (3 credits)

Course: Blackboard Asynchronous, Year Long, Tech Prep

Faculty: Krystle A. Peñafior, OD
kapenafior@alaska.edu
907.543.6554

Office Hours: No office hours since this class is on Blackboard. I will be available by email and phone. Please leave a message during the day if you are directed to my voicemail and I will return your call as soon as I can.

Course Description: Medical Terminology: Study of terminology including analysis and origin of word roots, prefixes and suffixes. Understanding the word components, students will be able to build, spell, and define medical words. Content will be presented by body systems, focusing on terms for anatomy, diagnostic, laboratory and medical specialties. Includes use of a medical dictionary, word pronunciation, and abbreviations. Designed for high school students pursuing a career in health care.

Course Objectives: Upon successful completion of this course, the student will:

1. Correctly identify, pronounce and spell word elements found in each chapter
2. Build medical words using work elements
3. Appropriately spell, define and pronounce all medical terminology presented
4. Correctly locate and identify anatomical landmarks appropriate to each chapter
5. Write the correct terms for common abbreviations as presented in each unit
6. Define and spell correctly pathophysiological terms as presented in each chapter

Resources & Materials:

ISBN: 978-1455740703

Instructional Methods: Blackboard will be the main method of instruction to deliver course content. All assignments, quizzes, and tests will be given through Blackboard. Reliable internet access to log onto Blackboard is required for this class.

5/2/14
Policies & Procedures:

Time Commitment: College level courses customarily require at least 3 hours of time for homework per lesson. It is the responsibility of the student to review each lesson and the required reading assignment.

Attendance: Each student is expected to log into Blackboard weekly to complete assignment readings, quizzes, and examinations. The course is asynchronous. There is no interaction with the instructor with the exception of Blackboard communication or email.

- Students must be self-motivated to succeed in the online course.
- There will be a teacher on site to act as a facilitator.
- This individual will be the person the student will go to for assistance.

Excused exams and quizzes must be taken within one week. Non-excused missed assignments, quizzes, and exams will be given a zero.

Evaluation & Grading: Elements of Grades for HLTH 100:

<table>
<thead>
<tr>
<th>Element</th>
<th>Number</th>
<th>Points Each</th>
<th>Total Points</th>
<th>Percent of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams</td>
<td>4</td>
<td>100</td>
<td>400</td>
<td>50%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>12</td>
<td>20</td>
<td>240</td>
<td>30%</td>
</tr>
<tr>
<td>Assignments</td>
<td>3</td>
<td>20</td>
<td>60</td>
<td>7.5%</td>
</tr>
<tr>
<td>Blackboard</td>
<td>4</td>
<td>25</td>
<td>100</td>
<td>12.5%</td>
</tr>
<tr>
<td>Participation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td></td>
<td>800</td>
<td>100%</td>
</tr>
</tbody>
</table>

Grading Scale: (based upon the percentage of total possible points)

- A  90 – 100%
- B  80 – 89%
- C  70 – 79%
- D  60 – 69%
- F  59 % and below

Quizzes – 25 Multiple Choice questions. Unlimited attempts allowed. Only the highest score will be recorded. Questions will be randomized for each attempt. Quizzes will be available for 2 weeks.

Exams – 50 Multiple Choice questions. Only one attempt allowed. Exams will be available for 1 week.

Assignments – These will be announced throughout the year. Assignments will be due 2 weeks after they are assigned.

Blackboard Participation - These will be announced throughout the year. These will be due 2 weeks after they are assigned.

Quizzes and Exams are closed-book, meaning no notes, books, or any other sources are allowed. A facilitator MUST be present when taking an exam or it will be considered a ZERO.

5/2/14
<table>
<thead>
<tr>
<th>Week</th>
<th>Week of:</th>
<th>Discussion Topic/ Reading Assignment</th>
<th>Quizzes &amp; Exams</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Orientation &amp; Introduction</td>
<td>Quiz 1</td>
<td></td>
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<tr>
<td>2</td>
<td></td>
<td>Chapter 1</td>
<td>Quiz 2</td>
<td></td>
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<tr>
<td>3</td>
<td></td>
<td>Chapter 2 – Suffixes</td>
<td>Quiz 3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Chapter 3 – Prefixes</td>
<td>Quiz 4</td>
<td></td>
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<tr>
<td>5</td>
<td></td>
<td>Chapter 4 – Procedures</td>
<td>EXAM 1</td>
<td></td>
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<tr>
<td>6</td>
<td></td>
<td>Chapter 5 – The Body</td>
<td>Quiz 5</td>
<td></td>
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<tr>
<td>7</td>
<td></td>
<td>Chapter 6 – Musculoskeletal System</td>
<td>Quiz 6</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Chapter 7 – Circulatory System</td>
<td>EXAM 2</td>
<td></td>
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<tr>
<td>9</td>
<td></td>
<td>Chapter 8 – Respiratory System</td>
<td>Quiz 7</td>
<td></td>
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<tr>
<td>10</td>
<td></td>
<td>Chapter 9 – Digestive System</td>
<td>Quiz 8</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>Chapter 10 – Urinary System</td>
<td>Quiz 9</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>Chapter 11 – Reproductive System</td>
<td>EXAM 3</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>Chapter 12 – Integumentary System</td>
<td>Quiz 10</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Chapter 13 – Nervous/Psych System</td>
<td>Quiz 11</td>
<td></td>
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<tr>
<td>15</td>
<td></td>
<td>Chapter 14 – Endocrine System</td>
<td>Quiz 12</td>
<td></td>
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<tr>
<td>16</td>
<td></td>
<td>Chapter 15 – Special Senses</td>
<td>EXAM 4</td>
<td></td>
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</tbody>
</table>

5/2/14
Student Code of Conduct

UAF students are subject to the Student Code of Conduct. In accordance with board of regents' policy 09.02.01, UAF will maintain an academic environment in which freedom to teach, conduct research, learn and administer the university is protected. Students will benefit from this environment by accepting responsibility for their role in the academic community. The principles of the student code are designed to encourage communication, foster academic integrity and defend freedoms of inquiry, discussion and expression across the university community.

UAF requires students to conduct themselves honestly and responsibly, and to respect the rights of others. Conduct that unreasonably interferes with the learning environment or violates the rights of others is prohibited. Students and student organizations are responsible for ensuring that they and their guests comply with the code while on property owned or controlled by the university or at activities authorized by the university.

The university may initiate disciplinary action and impose disciplinary sanctions against any student or student organization found responsible for committing, attempting to commit or intentionally assisting in the commission of any of the following prohibited forms of conduct:

1. cheating, plagiarism or other forms of academic dishonesty
2. forgery, falsification, alteration or misuse of documents, funds or property
3. damage or destruction of property
4. theft of property or services
5. harassment
6. endangerment, assault or infliction of physical harm
7. disruptive or obstructive actions
8. misuse of firearms, explosives, weapons, dangerous devices or dangerous chemicals
9. failure to comply with university directives
10. misuse of alcohol or other intoxicants or drugs
11. violation of published university policies, regulations, rules or procedures
12. any other actions that result in unreasonable interference with the learning environment or the rights of others.

This list is not intended to define prohibited conduct in exhaustive terms, but rather offers examples as guidelines for acceptable and unacceptable behavior.

Honesty is a primary responsibility of you and every other UAF student. The following are common guidelines regarding academic integrity:

1. Students will not collaborate on any quizzes, in-class exams, or take-home exams that contribute to their grade in a course, unless the course instructor grants permission. Only those materials permitted by the instructor may be used to assist in quizzes and examinations.
2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in compositions, theses, and other reports.
3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors.

Alleged violations of the Code of Conduct will be reviewed in accordance with procedures specified in regents' policy, university regulations and UAF rules and procedures. For additional information and details about the Student Code of Conduct, contact the dean of students or visit www.alaska.edu/bor/.

Students with Disabilities: The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. The instructor for HLTH 100 will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide reasonable accommodation to students with disabilities.

5/2/14
Health 105
Introduction to Health Careers
Syllabus and Calendar

Fall 2014
SYLLABUS

Fall 2014
Health F105
Introduction to Health Careers
2 Credits

Class Location:
Online using Blackboard. Classes meet beginning August, 2014 and continue for 15 weeks. Students work independently in Blackboard throughout the week. For more information, see the Course Calendar.

Instructor:
Mary Weiss
Phone: 543-4532 (in Bethel)
Email: mtweiss@uaa.alaska.edu

Required Text:
Introduction to Health Care Third Edition,
Author: Dakota Mitchell, Lee Haroun
Publish Date: 2012
Binding: Hard Cover
Publisher: CENGAGE Delmar Learning

Optional Text:
Workbook to Accompany Introduction to Health Care, Third Edition
Publish Date: 2012
Binding: Hard Cover
Publisher: CENGAGE Delmar Learning

Course Description:
Students in this course will explore a variety of allied and behavioral health careers, including the roles, responsibilities, and training required for each. Participants will conduct guided self-assessments to help them envision themselves in rewarding careers that are appropriate to their skills and interests. Students will also learn the roles and responsibilities of different
Members/functional units of the health care team; information on related job and educational opportunities; needs and roles of health providers in rural and urban Alaska settings.

Special Requirements:
Internet (DSL strongly recommended), Windows, MAC or Unix (Computer less than 3 years old) with 64 MB RAM & Sound card with working computer microphone & speakers (headphones with mic available for $21 approximately); Microsoft Office Suite of Software, (Word, Excel) installed; software from the Internet will need to be downloaded. Computers found in labs and many offices often have the above abilities.

Office Hours: Mondays 3:30 – 5PM

Course Goals and Student Learning Outcomes:
The goal of the course is to introduce students to a wide variety of opportunities in allied health, medical and behavioral health careers. Visioning and confidence building will accompany concrete information about career pathways. Special attention will be given to trends and opportunities.

After completing the course a student will be able to:

- Identify five major events in the history of health care and why they are important
- Compare work in health care in community based and facility based institutions
- Describe ten different health careers including duties, educational requirements, and employment opportunities
- Compare educational requirements for associates, bachelors and masters degrees
- Identify four factors that interfere with communication
- Be familiar with the benefits of teamwork and the basic characteristics of a leader
- List the six rights of a patient who is receiving health care
- Describe ways to show respect for cultural diversity
- Provide examples of how bias and prejudice can cause barriers to communication and relationship building
- Describe how computers are being used in today's health care environment
- Identify precautions to maintain patient confidentiality
- List five job keeping skills
- Prepare a cover letter and resume
- Reflect on personal skill set, interests and discuss ways to research and pursue future career paths in health care using tools like the internet.
- Research and gain in-depth knowledge of health related careers of his/her interest
Course Policies

Instructional Methods:
Health 105 is delivered via Blackboard (announcements, quizzes, course and assignment calendar, online discussions, online syllabus, etc.). Therefore, you must possess basic computer skills and have access to a computer with internet connection for each class session and for all class activities.

Before the first class session you will be required to:

- Establish your UA Online account (www.uaonline.alaska.edu)
- Establish your UA email account (webmail.alaska.edu)
- Connect to the Health 105 Blackboard Site
- Follow the instructions to qualify your computer to use Blackboard.
- It is imperative that you take these steps before the first class session, as we will not be able to take class time to resolve technical issues.

This course is taught primarily online using Blackboard. Students will take part in weekly learning activities with other students in discussion forums and structured exercises and alone through individual assignments.

Directions for completing homework assignments are available on the class Blackboard site. Generally, late assignments will not be accepted unless prior arrangements are made with your instructor.

Weekly Activities, Points and Final Exam

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Discussion Boards</td>
<td>30%</td>
</tr>
<tr>
<td>Weekly Assignments</td>
<td>35%</td>
</tr>
<tr>
<td>Final project</td>
<td>25%</td>
</tr>
</tbody>
</table>

Attendance in Blackboard sessions and completion of assignments and discussion boards are required. If for any reason you are unable to complete assignments, you are expected to inform me by email or phone.

Grading and student expectations are based on policies found in the current university catalog.
it is important to remember that distance courses typically involve more independent study time than traditional face-to-face classes. Reading and Blackboard assignments are to be completed by the deadlines and no credit will be given for work submitted after the deadline. Time management skills have significant influence on success as a college student. It is assumed that you will take the initiative to complete your work on or, preferably, before the deadline. Please refer to the Class Calendar section of this syllabus for information regarding specific point values.

Students are subject to the Student Code of Conduct. It is each student's responsibility to become familiar with this Code of Conduct or in the student handbook. The university may initiate disciplinary action against any student found responsible for committing, attempting to commit, or assisting in the commission of any of the prohibited forms of conduct outlined in the Student Code of Conduct. Academic dishonesty (i.e., cheating, plagiarism, collaboration on assignments, etc.) and disruptive actions will not be tolerated and will be reviewed in accordance with procedures specified in regent's policy, university regulations, and university policies and procedures.

**Individual assignment and overall course grades are based on the following criteria:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 100% - 90%</td>
<td>An honor grade. Demonstrates originality, independence, a thorough mastery of the subject; completing more work than is regularly required. Demonstrates a deep understanding, presented with exceptional clarity &amp; poise.</td>
</tr>
<tr>
<td>B = 89% - 80%</td>
<td>Better than the average. Above the average expectation. Projects or papers are presented neatly and thoroughly but do not have the depth and originality for an 'A'.</td>
</tr>
<tr>
<td>C = 79% - 70%</td>
<td>Average. The student grasps the essential information; material is complete and presented on time.</td>
</tr>
<tr>
<td>D = 69% - 60%</td>
<td>Below average. Student misses significant aspects of the assignment. Material is not turned in on time.</td>
</tr>
<tr>
<td>F = below 60%</td>
<td>Student was unable to complete the assignment on time with at least a 60% understanding and presentation.</td>
</tr>
</tbody>
</table>

Students are expected to schedule enough time each week to complete assignments in blackboard by the deadlines assigned.

**Plagiarism/Academic Integrity:**
Plagiarism and cheating are serious offenses and may result in failure on exams, papers, projects, or courses. The entire purpose of participation in this class is to acquire useful skills through learning. To cheat is to lose the opportunity to learn these skills. In health care dishonest behaviors may result in jeopardizing patient safety and strict adherence to principles of ethics and honesty are fundamental requirements.
Lonesty is a primary responsibility of you and every other university student. The following are common guidelines regarding academic integrity:

1. Students will not collaborate on any quizzes, in-class exams, or take-home exams that contribute to their grade in a course, unless specific permission has been granted. No materials may be used to assist in quizzes and examinations without specific permission.

2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in all assigned work.

3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors.

4. **Incomplete**:
   Incomplete 'I' grades will only be given if the student has successfully completed the class and has some emergency or extenuating circumstance which makes it impossible for them to complete the course this semester. An Incomplete grade will not be given to students who have simply fallen behind on the assignments or who wish to get a better grade by turning in assignments after the course deadline. The student must have a C or better and have the majority of their work completed to be eligible for an Incomplete. Incompletes are awarded at the discretion of the instructor. Students given and 'I' grade will have a specified period of time to complete specified assignments. Failure to complete assignments within the specified time period will result in an 'I' grade changing to an 'F' (failing) grade on your report card.

**Withdrawal:**
Students are expected to formally withdraw from the class if they cannot complete the course. I will not automatically withdraw students who do not attend or fall behind. Students who do not successfully complete the class and do not withdraw will receive a grade of 'F'.

**Participation and Preparation:**
Please share your thoughts respectfully with the whole group, as this is how we can all learn from each other. Inappropriate behavior will be subject to disciplinary action including dismissal from the course. Students are expected to contribute to class in a manner that is conducive to learning. This course is designed to assist you with decision making about your future in a health career. The more effort and attention you put into this class and the more you share with others the more you will benefit from it.

**Student Responsibility:**
As students taking a college course, you must accept the responsibility of ensuring your own learning. It is your responsibility to know what you need to do and when you need to do it. This requires a great deal of initiative on your part. Always ask if you don't know what is expected of you. Never wait for someone to tell you. "I didn't know," and "no one told me," are not acceptable
Reasons for failure to fulfill your student obligations. This course encourages you to practice your time management skills. I am here to help and support students who take the initiative to help themselves.

Assignments:
Students are expected to prepare for the weekly modules. Work may be turned in early for review and recommendations for resubmission before the due date. Extra credit options may be available as the course unfolds.

Quality Issues:
Accuracy in spelling is extremely important when documenting health care encounters. Proper grammar and spelling are also integral parts of professionalism. To reinforce attention to proper spelling and grammar, points will be deducted from assignments containing spelling and grammatical errors. Students are expected to check their work for accuracy before submitting it. Always use a spellchecker. When participating in assignments in Blackboard, you will need to be your own spellchecker. Your work must show that you understand the course content. For some assignments, you may not be able to go back to your assignment and make corrections after you have finished, so it is important to make sure that the information you provide is correct before you submit it. Review instructions for each assignment carefully.

Support Services:
Students in need of support are encouraged to contact me via email or telephone. Response will be made within 72 hours Monday through Friday. I have posted online office hours. All college classes require strong reading and study skills. There may be a student support program in your area. If you feel that you may be falling behind, contact me immediately. I want you to be successful. Never be afraid to ask for help. I am here to help you succeed and have a positive learning experience. I can only do that if you let me know your concerns.

Disabilities Services:
The Office of Disability Services (203 WHIT, 474-7043) implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services to provide reasonable accommodation to rural students with disabilities. Please contact me or The Office of Disability Services if you require special assistance.
# Tentative Course Calendar Fall 2014
*assignment dates may be subject to change*

## HLTH 105 Introduction to Health Careers

<table>
<thead>
<tr>
<th>Date</th>
<th>Module/Topic</th>
<th>Blackboard Assignment Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction</td>
<td></td>
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<tr>
<td></td>
<td>Course and Blackboard orientation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 1 Your career in health care</td>
<td></td>
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<tr>
<td></td>
<td>Chapter 2 Current Health Care Systems and Trends</td>
<td></td>
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<tr>
<td></td>
<td>Chapter 4 medical terminology</td>
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<tr>
<td></td>
<td>Chapter 5 Medical Math</td>
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<td></td>
<td>Chapter 13 professionalism</td>
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<tr>
<td></td>
<td>Chapter 23 Performance improvement and customer service</td>
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<tr>
<td></td>
<td>Chapter 26 Successful Employment Strategies</td>
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<tr>
<td></td>
<td>Chapter 15 The patient as an individual</td>
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<tr>
<td></td>
<td>Chapter 16 The communication process</td>
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<tr>
<td></td>
<td>Chapter 17 Written Communication</td>
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<tr>
<td></td>
<td>Chapter 24 Job leads and the resume</td>
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<tr>
<td></td>
<td>Chapter 25 Interview. Portfolio, Application</td>
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<tr>
<td></td>
<td>Final Project is due</td>
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</tr>
</tbody>
</table>
Course Syllabus
HLTH F110 Professional Skills in the (Health Care) Workplace-Two Credits
Spring 2013

Instructor: Andrea Gelvin
Class location: Online using Blackboard
Email: algelvin@alaska.edu
Office hours: By email or by appointment by phone
Phone: (907) 978-6574


Course Description: Although hands-on technical skills remain a high priority in the health care field, good character, a strong work ethic, and personal and professional traits and behaviors are becoming increasingly important. Regardless of job title or discipline, every health care student and worker must understand the importance of professionalism and the need to perform in a professional, ethical, legal, and competent manner. This course describes the professional standards that apply to all health care workers and the common ground that everyone shares in providing the highest quality of health care services for patients. The course includes interview skills, business manners, customer service, and dressing for success.

Course Goals and Student Learning Outcomes:
Students will get exposure to the variety of Health Care Career opportunities and their role in the career of their choice, information on education and training needed for these careers. Students will also learn about online education, barrier crimes and laws concerning health care providers. In addition, students will start and/or update their Personal Learning and Career Plan (PLCP) in the Alaska Career Information System (AKCIS). Students successfully completing this course will demonstrate a measurable increase in their knowledge, skills and abilities related to the field of health care and demonstrate an understanding of the following objectives:

- Explain why professionalism is important in health care and how to identify a health care professional.
- Describe the characteristics and behaviors that demonstrate a commitment to their job.
- Discuss the importance of character, values, morals, ethics, and other personal traits.
- Outline the elements of effect impersonal relationships, teamwork, and working well with others.
- Explain how their personal image and personal skills affect their professional reputation.
- List the factors involved in professional growth and advancement, and apply career planning components of a resume, application and cover letter for a mock interview.
Assess their own personal levels of professionalism and identify strengths, weaknesses, and plans for improvement including keeping PLCP up to date in AKCIS.

Apply course concepts in developing and strengthening professional traits and behaviors.

Course Policies

Instructional Methods: HLTH 110 is delivered via Blackboard resources (announcements, tests, course and assignment calendar, online discussion notes, online syllabus, etc.). Therefore, students must possess basic computer skills and have access to a computer with internet connection for class activities.

Before the first class session, you will be required to:

1. Establish your UA Online account (www.uaonline.alaska.edu)
2. Establish your UAF email account (webmail.alaska.edu)
3. Connect to the Health 110 Blackboard Site (classes.uaf.edu)

Students will take part in learning activities with other students in discussion forums, structured exercises and alone through individual assignments. Directions for completing each homework assignment are available in the class Blackboard site. Assignments will become available each week on Thursday. Blackboard will display each assignment for that period of time, until the due date and then the assignment will be removed. The assignment will not be re-opened after the specified time for an assignment has passed. Extensions may be considered for valid reasons.

Student Evaluation and Grading: Your final grade in this class will be based on the total points accumulated from assignments and activities, posted discussions, wiki projects using the following percentages. Please refer to the Course Calendar section of this syllabus for information regarding specific point values. Letter grades will be assigned as follows:

(Students must make a C or higher to pass this class, C- is not considered a passing grade.)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A= 90%-100% 1598-1775 points</td>
<td>A = An honor grade demonstrates excellence and independence, a thorough mastery of the subject; completing more work than is regularly required. Student work demonstrates a deep understanding.</td>
</tr>
<tr>
<td>B= 80%-89% 1420-1597 points</td>
<td>B = A better than average; above the average expectation. Projects, papers and internet discussion entries are neat and thorough but do not show the depth of understanding of an “A”.</td>
</tr>
<tr>
<td>C= 70%-79% 1243-1419 points</td>
<td>C = Average. The student grasps the essential information, assignments are complete and submitted on time.</td>
</tr>
<tr>
<td>D= 60%-69% 1065-1242 points</td>
<td>D = Below average. The student misses significant aspects of the assignment, assignment is not submitted on time.</td>
</tr>
<tr>
<td>F = 59% and lower Less than 1241 points</td>
<td>F= Student was unable to complete the assignment on time with at least 60% understanding or presentation</td>
</tr>
</tbody>
</table>
**Attendance:** Students are expected to sign-in to Blackboard regularly. Students are responsible for coordinating with the instructor prior to any absences regarding the possibility of making up missed work. Notify your instructor of all scheduled required absences during the first week of class, for example, travel with an athletic team.

**Plagiarism/Academic Integrity:** Plagiarism and cheating are serious offenses and may result in failure on exams, papers, projects or courses. The entire purpose of participation in this class is to acquire useful skills through learning. To cheat is to lose the opportunity to learn these skills. *The honor code of the University of Alaska will be strictly enforced.*

**Participation and Preparation:** It is important to keep up with the reading of each chapter and participating in the on-line discussions. Professionalism involves demonstrating behaviors and attitudes important in the medical workplace and participation involves actively responding to the on-line classroom activities and assisting in creating a positive environment. Inappropriate postings will not be tolerated.

**Assignments:** Assigned modules/chapters should be read before activities, projects or discussions. Work submitted on-time may be returned with suggestions to obtain additional points if re-submitted. All assignments are due by the date on the course calendar. Late assignments will not be accepted.

**Quality Issues:** Accuracy in spelling is extremely important when documenting health care encounters. To reinforce attention to proper spelling, points will be deducted from assignments containing spelling errors. Students are expected to check their work for accuracy before submitting it. Always use a spell-checker. When participating in assignments in Blackboard, you will need to be your own spell checker. Your work must show that you understand the assigned readings and other materials. Some Blackboard assignments must be completed the first time you access them, so it is important to make sure that your entry is correct before you submit it.

**Support Services:** Students are encouraged to contact the instructor via email. Response will be made within 48 hours Monday through Friday. The instructor has posted on-line office hours. If you are unable to get your question answered or if you prefer to discuss your issue locally, there is a student support program in your area. All college classes require good reading and study skills. If you feel you are falling behind, contact me immediately. I want you to be successful. Never be afraid to ask for help.

**Disabilities Services:** The Office of Disability Services (907-474-7043) implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. I will work with the Office of Disabilities Services to provide reasonable accommodation to rural students with disabilities. Please contact me or the Office of Disability Services if you require special assistance. Disability services may also be offered through your school district.
SYLLABUS
HLTH 116
Fall 2014
Mathematics for Health Care
A 3 credit course

Instructor:
Richard Spencer
Email: rspencer@kuspuk.org
Telephone: 907.471.2288 daytime
Telephone: 907.471.2314 evenings

Office Hours:
Available daily telephone or online by appointment.

Required Materials:

   By Michele Benjamin Lesmeister
   Published by Pearson Education
2) Laptop or computer and access to the internet.

**Please read all posts on the website. I do not write a post unless it is
important!!!

This course is set up so you can do your assignments with the text open and
watching the videos, pausing or re-winding as necessary.

Grading: Assignments are 100 points each for a total of 1400 points. The mid-
term is worth 250 points and the final is worth 500 points. In addition, you are
expected to post weekly to the discussion board, at least one original post and
one reply. (Think of it as UA’s Facebook.) Participation in the bulletin board is
worth 350 points. Grade will be calculated out of 2500 points as follows:

Individual assignment and overall course grades are based on the
following criteria:

Grade Definition
A =
100% - 90%
An honor grade. Demonstrates originality, independence, a thorough mastery of
the
Subject. Demonstrates a deep understanding.
B =
89% - 80%
Better than the average. Above the average expectation. Assignments, tests, and posts address the material thoroughly but do not have the depth and originality for an 'A'.

C = 79% - 70%
Average. The student grasps the essential information; material is complete and presented on time.

D = 69% - 60%
Below average. Student misses significant aspects of the assignments and tests. Material is not turned in on time or student does not fully participate in discussions.

F = below 59%
Student was unable to complete the course on time with at least a 60% understanding of the material.

The course is designed to reflect the math skills necessary to enter the health profession. If you have any questions, be sure to email me or post your question on the bulletin board. I usually respond to emails in less than 24 hours.

"It is not enough to do your best; you must know what to do, and then do your best."  
-W. Edwards Deming

Course Description:
This course provides a practical application of mathematics in health care including arithmetic review, decimals, fractions, percent, interest, ratio, proportion, and metric measurement, and mathematical applications in medicine including measurement instruments, graphs, charts, and medications. (Prerequisites: DEVM 050 or placement in DEVM 060 or higher)

SPECIAL REQUIREMENTS: Internet, Windows, MAC or Unix with 64 MB RAM & Sound card with working computer speakers Microsoft Office Suite of Software, (Word, Excel) installed; software from the Internet may need to be downloaded. Computers found in labs and many offices often have the above abilities.

Course Goals and Student Learning Outcomes:

On completion of this course, the student will be able to:
Add, subtract, multiply and divide whole numbers, fractions and decimals.
Recognize and correctly use fraction and decimal equivalents.
Perform combined operations.
Understand percentages, express percentages as equivalent decimals and fractions.
Understand and apply interest and discounts.
Utilize averages and estimates.
Identify and differentiate meters, liters and grams.
Convert, within the metric system, using larger and smaller units.
Convert English measurements to metric and metric to English measurements.
Convert temperature reading between Celsius and Fahrenheit.
Read and express Roman numerals.
Express ratios as equivalent fractions, decimals and percents.
Prove the equality of a proportion using means and extremes or cross multiplication.
Determine the unknown term in a proportion.
Read and express body measurements.
Read and annotate using height/weight measurement graphs.
Calculate oral and parenteral dosages.
Calculate dosages by weight.
Calculate pediatric dosages. Calculate intravenous flow rates and infusion times.
Understand solution strength stated as a percent. Calculate quantities to prepare diluted solutions.

Course Policies

Instructional Methods:

Health 116 is delivered via Blackboard resources (announcements, quizzes, course and assignment calendar, online discussion notes, online syllabus, etc.). Therefore, you must possess basic computer skills and have access to a computer with internet connection.

Before the first class session you will be required to:
1. Establish your UA Online account (www.uonline.alaska.edu)
2. Establish your UAF email account (http://webmail.alaska.edu)
3. Connect to the Health 116 Blackboard Site (classes.uaf.edu)

For technical assistance contact the:
Office of Information Technology at 1-800-478-8226,
visit http://www.alaska.edu/oit/index.xml,
or email the OIT a helpdesk@alaska.edu.
They can provide technical assistance with Blackboard, email, UA Online and My UA.

This course is taught primarily online using Blackboard. Students will take part in weekly learning activities with other students in discussion forums and structured exercises and alone through individual assignments. Each week the class will cover one unit.
Directions for completing homework assignments are available on the class Blackboard site.
Homework assignments are due by midnight every Friday. Homework will be available every week by Monday morning.

**Student Evaluation and Grading:**
Grading and student expectations are based on policies found in the current UAF catalog. In this course, there are many assignments. While this may sound rather daunting, it is important to remember that education and practice are necessary for learning. These assignments and quizzes are open-book and offer you the opportunity to practice using the skills that you will need in the Health Care workplace. It is also important to remember that distance courses typically involve less classroom time and more independent study time than traditional face-to-face classes. For this reason, it is important to note that you must commit several hours of time to this class each week in addition to the time spent watching online class sessions. Reading assignments and Blackboard assignments are to be completed independently, and are worth 60% of your grade.

The mid-term and final exam must be supervised by a qualified proctor. It is the student's responsibility to identify a qualified proctor and to provide them with the Proctor Eligibility and Responsibilities form and Proctor Agreement Form which I will provide later in the semester. It is also the student's responsibility to maintain contact with the proctor and to notify your instructor immediately if you should discover that your designated proctor is no longer available.

Students are subject to the Student Code of Conduct. It is each student's responsibility to become familiar with this Code of Conduct, which can be found at www.uaf.edu or in the student handbook. The university may initiate disciplinary action against any student found responsible for committing, attempting to commit, or assisting in the commission of any of the prohibited forms of conduct outlined in the Student Code of Conduct. Academic dishonesty (i.e., cheating, plagiarism, collaboration on assignments, etc.) and disruptive actions will not be tolerated and will be reviewed in accordance with procedures specified in Regent's policy, university regulations, and university policies and procedures.

**Attendance:**
If you are required to participate in (a) military, (b) UAF-sponsored activities, or (c) documentable and necessary participation in cultural activities, (d) documentable illness that will cause you to miss an assignment deadline, you must notify me as soon as possible. You must notify me of all scheduled UAF-required absences for the semester (e.g. Travel to athletic events) during the first week of classes.

**Plagiarism/Academic Integrity:**
Plagiarism and cheating are serious offenses and may result in failure on exams, papers, projects, or courses. The entire purpose of participation in this
class is to acquire useful skills through learning. To cheat is to lose the opportunity to learn these skills.
Honesty is a primary responsibility of you and every other UAF student. The following are common guidelines regarding academic integrity:

1. Students will not collaborate on the mid-term or the final. No materials may be used to assist in examinations without specific permission.
2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in all assigned work. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors.

“No Basis”
In some circumstances your instructor may elect to assign a No Basis (“NB”) registration status. NB registration status means that there is no basis for assigning a grade and the student did not initiate withdrawal paperwork. Instructors may award an “NB” if there is insufficient student progress and/or attendance for evaluation to occur. No credit is given, nor is the “NB” calculated in the GPA. It cannot be removed by later completing the outstanding work.

Student Responsibility:
As students, you must accept the responsibility of ensuring your own success. It is your responsibility to know what you need to do and when you need to do it. This requires a great deal of initiative on your part. Always ask if you don’t know what is expected of you. Never wait for someone to tell you. “I didn’t know,” and “no one told me,” are not acceptable reasons for failure to fulfill your student obligations. I am here to help and support students who take the initiative to help themselves.

Assignments:
Assignments are due by midnight every Saturday. One complete unit is due each week.

Quality Issues:
Accuracy in spelling is extremely important when documenting health care encounters. Proper grammar and spelling are also integral parts of professionalism. To reinforce attention to proper spelling and grammar, points will be deducted from assignments containing spelling and grammatical errors. Students are expected to check their work for accuracy before submitting it. Always use a spellchecker. When participating in assignments in Blackboard, you will need to be your own spellchecker. Your work must show that you understand the lectures, assigned readings, and other materials. Please note that the mid-term and final must be completed the first time you access them. In other words, you may not be able to go back to your assignment and make corrections after you have finished, so it is important to make sure that the
information you provide is correct before you submit it. Review instructions for each assignment and test carefully.

Support Services:
Students in need of support are encouraged to contact me via email or telephone. Response will be made within 48 hours Monday through Friday. All college classes require strong reading and study skills. There may be a student support program in your area. If you feel that you may be falling behind, contact me immediately. I want you to be successful. Never be afraid to ask for help.

Math Hotline: The number is: 1866-UAFMATH (823-6284)

Disabilities Services:
The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials. State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

Course Calendar:
Day 1 First day of classes
Week 1 unit 1 due
Week 2 unit 2 due
Week 3 unit 3 due
Week 4 unit 4 due
Week 5 unit 5 due
Week 6 unit 6 Due
Week 7 unit 7 due
Week 7 Mid-term Exam
Week 8 unit 8 due
Week 9 unit 9 due
Week 10 unit 10 due
Week 11 unit 11 due
Week 12 unit 12 due
Week 13 unit 13 due
Week 14 unit 14 due
Week 14 Final Exam
FACULTY: Andrea Gelvin

Office Hours: By Appointment
Cellphone 907 978-6574
Email: algelvin@alaska.edu

Dates: January 15 through May 8, 2015

Class Hours: Asynchronous, E-Learning: 8 Hours,
Skills Lab, and Face to Face, 8 hours

Mailing Address: Andrea Gelvin
POBox 83967
Fairbanks, AK 99708

TEXT: Online, American Heart Association Basic Life Support for Health Care Providers Resource,
Online American Heart Association First Aid Learning Resources,
Online American Heart Association Blood Bourne Pathogens

REQUIRED: Computer Access to be able to do Blackboard Assignments; Head Set;
Internet Access; Travel to Regional Hub for Skills lab/Practice and Skills Check off.

COURSE DESCRIPTION:
American Heart Association First Aid and CPR provides instruction on emergency first aid theory and techniques. Students acquire knowledge and skills necessary for dealing with emergencies and medical/dental office and other clinical settings. Includes First Aid Certification, BLS-Basic Life Support- Health Care Provider (adult, child, and infant) CPR Certification and AED training and Blood Borne Pathogens.
Graded Pass/Fail

PREREQUISITE:
Students must be in good physical condition, and have the size and physical ability to perform CPR skills on an adult.
Students must have basic computer skills as instruction will be provided through Blackboard, an online platform for instruction.
INSTRUCTIONAL GOALS:
After successfully completing this course the student will:
- have gained the knowledge, skills and abilities to provide first responder care
- understand and communicate using computer platforms of Blackboard

COURSE OBJECTIVES:
Students will be able to:
- name science updates in first responder care
- list links in chain of survival
- know their role in the emergency response system,
- demonstrate the basic steps for CPR for Adults, Children and Infants,
- list steps common to operation of all AED devices,
- demonstrate proper actions in the use of AED devices
- coordinate AED and CPR action to minimize harm
- demonstrate correct rescue breathing
- comprehend and give demonstrations of relieving choking
- integrate didactic information from e-learning into skills demonstrations
- outline rescuer duties and responsibilities
- assess and apply victim and rescuer safety skills
- importance of Universal Precautions
- show proper hand washing and glove technique
- know steps for activating other help
- do a body system review and breathing, choking,
- articulate the process for debriefing
- articulate the importance of privacy in healthcare information, and describe concept of portability of same
- demonstrate ability to research using online resources regarding health care careers and the education needed for basic entry

TEACHING METHODS

- Blackboard based guided self-study modules
- Proctored skills demonstrations with an AHA CPR instructor
- Standardized American Heart Association Learning Assessments
- Variety of E-Learning Simulated Scenario Practices

STUDENT RESPONSIBILITIES:

Students who are taking class by distance learning must be prepared for this prior to first class session by taking orientation tutorials for Blackboard.

1. Complete Online Instruction through AHA
2. Participate in Discussion
3. Seek clarification from instructor on class content, assignments or any topic concerning the course that is unclear.
4. Assume responsibility for own learning with guidance from instructors.

**GRADING:**
- Course Completion AHA Provider CPR, with completion certificate: 40%
- Course Completion AHA First Aid Course, with completion certificate: 40%
- Completion Blood Borne Pathogen Module: 10%
- Career Exploration and HIPAA Assignments: 10%

Students will pass only if they complete all the AHA certifications.

**READING ASSIGNMENTS WILL BE ACCESSED WITHIN BLACKBOARD MODULES**

**ATTENDANCE:**
Students will have to attend skills lab practice and have skills checked off at a regional hub community within 60 days of completing the On-line training.

**SUPPORT SERVICES:**
Students are encouraged to contact the instructor. The instructor has posted office hours and is available for group and private face to face meetings to the extent possible. All college classes require good reading and study skills. If you feel that you may be falling behind, contact the instructor immediately. We want you to be successful. Never be afraid to ask for help.

**UAOnline**
http://uaonline.alaska.edu/
Your resource for transcripts, accounts and other personal information.

**EMAIL:**
Students are required to contact instructor using UAF email addresses. This is a UAF requirement.

**Rural Student Services**
http://www.uaf.edu/ruralss/
Rural Student Services (RSS) is an academic advising department with over 35 years of experience in working with students from all over the state of Alaska. We are here to assist you in achieving student success by linking you to current information pertinent to your education, lifestyle, and goals. RSS is known for its welcoming and friendly environment. Many students find a meaningful connection at UAF through RSS.
We can help you with:
* Academic Requirements
* Registration for Classes
* Finding Financial Aid
* Explaining Housing Options
* Declaring a Major
* Career Exploration
CONTACT US AT:
P.O. Box 756320, Fairbanks, AK 99775-6320
1-888-478-1452 (Toll Free within Alaska) or (907) 474-7871
Email us at fyrss@uaf.edu

Math Hot Line
Contact UAF’s toll-free Math Hotline for problem solving and math help. Call 866-823-6284 (1-866-UAF-MATH) during regular fall and spring semesters.

Writing Center
http://www.alaska.edu/english/studentresources/writing/
The Writing Center is a student-staffed, student-oriented service of the English Department.
   801 Gruening Bldg., P.O. Box 755720
   Fairbanks, Alaska 99775-5720
   Phone: (907) 474-5314
   Fax: 1-800-478-5246
* The UAF Writing Center and Computer Lab offers free writing tutoring to any student in any subject via telephone and fax or over the Internet. Students can call 907-474-5314 for information on how to fax a paper and have it tutored over the telephone, or engage in an interactive Internet session. Both services are free.

Library Services for off campus students
http://library.uaf.edu/offcampus

Off-Campus Library Services is a unit set up to serve rural UAF students and faculty who do not have access to appropriate information resources in their town or village. We work in support of The College of Rural & Community Development and The Center for Distance Education and Independent Learning.

We can supply your information needs for the courses you are taking. For example, if a research paper is required in the teleconference or correspondence course that you are taking, you can contact us, explain your information need, and we will send library materials to you so that you can write your paper.
Contact us at
Off-Campus Services, Elmer E. Rasmuson Library
310 Tanana Loop, PO Box 756800
Fairbanks, Alaska USA 99775-6800
Phone: 1-800-478-5348 Email: fyddl@uaf.edu
For more off campus help go to:
http://www.uaf.edu/library/instruction/ls101/other/Distance_Resources.html

Computer, Internet, and Software

Problem: you cannot get your email
Make sure your Internet connection is working; to test it, you can try to go to a new web page and see if it loads.
• If you are having problems with a UAF account, you will need to contact the UAF help desk 1.800.478.4667. If it is another company’s account, you will need to contact their customer support. There is very little we can do to assist you as we have no control or access to the computers that serve the email.
• Check with your email program’s Help.
Problem: you forgot your password
- Only the organization that issued your password can do anything to change it. You will need to contact them. For UAF email and Blackboard it is the UAF help desk 1.800.478.4667. For most web services there is a link you can click if you forgot your password. I also recommend writing them down somewhere for back up.

Problem: you are having problems with Blackboard
- You will need to contact the Blackboard administrator, at:
  http://classes.uaf.edu/ Office of Information Technology Help Desk 474.6564 or 1.800.478.4667

Disabilities Services
Disability services provides assistance to the university's rural campuses; Tanana Valley Campus, Bristol Bay, Chukchi, Interior-Aleutians, Kuskokwim, and Northwest.

The staff of Disability Services works with faculty in arranging appropriate services in the classroom. Questions should be directed to the Director of Disability Services at (907)-474-5655.
http://www.uaf.edu/disability/

UAF Office of Disability Services
612 N. Chandalar, PO Box 755590
University of Alaska Fairbanks
Fairbanks, Alaska 99775-5590
Phone: (907) 474-5655 | TTY: (907) 474-1827 | Fax: (907) 474-5688 | E-mail: fydsu@uaf.edu

UAF Disability Services for Distance Students
a. UAF has a Disability Services office that operates in conjunction with the College of Rural and Community Development campuses and UAF’s Center for Distance Education (CDE). Disability Services, a part of UAF’s Center for Health and Counseling, provides academic accommodations to enrolled students who are identified as being eligible for these services.
b. If you believe you are eligible, please visit http://www.uaf.edu/chr/disability.html on the web or contact a student affairs staff person at your nearest local campus. You can also contact Disability Services on the Fairbanks Campus at (907) 474-7043, fydsu@uaf.edu

It is hoped and planned that all student will complete their on-line assignments prior to 4/8/2015, so they can have time to get their skills checked off by 5/8/2015.
<table>
<thead>
<tr>
<th>Date</th>
<th>Due BY</th>
<th>Activity</th>
<th>Assignments/Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class open in Blackboard Jan 15</td>
<td>April 8, 2015</td>
<td>Complete Online CPR Module, Part 1 AHA and First Aid Module, Part 1</td>
<td>Complete Modules and email copy of certificates to instructor. 20 Points. Write comments in Discussion Board in BB on the process of “E-Learning CPR &amp; First Aid”</td>
</tr>
<tr>
<td>*Start as soon as possible 1/15/15 to 5/8/15</td>
<td>April 8, 2015</td>
<td>Introduction, to E-Learning, Orientation, Blackboard Scavenger Hunt</td>
<td>Learn UAF Username and Student ID Number, Access Blackboard and Do Scavenger hunt, Introduce Self with Picture in Discussion Board of BB</td>
</tr>
<tr>
<td>Arrange with Facilitator</td>
<td>May 8/15</td>
<td>CPR &amp; FA Skills Check with AHA Instructor</td>
<td>Email Skills check off sheet to course instructor. Write comments in Discussion Board in BB about CPR &amp; First Aid, 60pts</td>
</tr>
<tr>
<td>*Start as soon as possible</td>
<td>April 8/15</td>
<td>Blood Borne Pathogens</td>
<td>Complete Blackboard Module on Bloodborne Pathogens, 10pts</td>
</tr>
<tr>
<td>*Start as soon as possible</td>
<td>April 8/15</td>
<td>HIPPA</td>
<td>Review Blackboard Articles on HIPPA act: Write in Discussion Board Response to Scenario about HIPPA Violations. 5pts</td>
</tr>
<tr>
<td>*Start as soon as possible</td>
<td>April 8/15</td>
<td>Blackboard and Internet Research</td>
<td>Go to AKCIS web site and create a profile. Pick a Health Care Career Path and identify educational steps to work in that career. Write down information and share it with your colleagues in BB Discussion Board. List the career you think you would take in HC, list the educational steps, and the credentials necessary. List the potential for employment in Alaska based on the Department of Labor web site on Health Care. This will be your personal learning plan, and you will need to save it in AKCIS, 5 pts</td>
</tr>
<tr>
<td>Course Completion</td>
<td>May 8/2015</td>
<td>Discussion Board</td>
<td>Read and comment on all other student’s health care career presentation. Complete Course Evaluation. Good Byes and Share Contact Information in Discussion Board</td>
</tr>
</tbody>
</table>

*Course must be completed by May 8, 2015*