Fundamentals of Health Professions

Course Syllabus

Instructor Information
Name: Erin Tuttle
Email: etuttle@northidahostem.org

Course Description

Fundamentals of Health Professions **One Semester** **Grades 9- 12**

This course introduces students to the healthcare industry, while exploring various topics such as medical math, medical terminology, basic anatomy and physiology, patient care skills and responsibilities, healthcare career pathways, communications, and legal/ethical responsibilities.

Curricular Information

Required Reading: Scientific articles, handouts, and laboratory instructions will be provided in class.

Health Careers Today Textbook, Sixth Edition: This textbook will be used throughout the semester as both a major resource and reference, and will be provided in class.

Additional Resources: The science notebook that will be created during this course will be extremely valuable for notebook checks, organization, and studying for tests/quizzes. Take good care of them!

Supplies Required for this Course:

- Spiral notebook, college ruled, with a durable cover.
- Pencils, colored pencils and highlighters.
- Index cards

Daily Time and Effort Expectations:

The following are suggestions to help you to maintain or improve your grade in this course.

1. Show up on time to class EVERY DAY. Tardies and absences contribute to lost learning experiences that cannot be recovered just by making up assignments.
2. Study hard and work well with others.
3. Don't let yourself get behind on the classwork. .
4. Prepare to participate in class before class begins by reading over your notes you have previously written, and read material that will be covered PRIOR to the day's scheduled lecture or activity.
5. Create and use a vocabulary list consistently as you work through each section.
6. Keep your handouts, lecture notes, and study questions organized in a notebook.
7. Study frequently and consistently in small doses. Cramming does not foster long-term understanding that will stick with you.
8. If you are having trouble with the material, get help early. Do not wait until test day.

Google Classroom:

Google classroom will be used as a tool for students to access certain assignments, quizzes/tests, student resources, and **excused** absence work.

Course Schedule:

Unit pacing is estimated, and is subject to change.

Unit	Topics	Timeframe
Unit 1: Introduction to Healthcare & Career Pathways	Understand the history of medicine, explore the structure of healthcare systems, and explore the five main healthcare career pathways.	**4 Weeks**
Unit 2: Medical Math & Terminology	Decipher complex medical terms by breaking them down into root words, prefixes, and suffixes. Learn standard medical abbreviations, and miscommunication errors. Learning the fundamentals of medical math.	**3-4 Weeks**
Unit 3: Anatomy & Physiology Foundations	Explore the basic structure and function of several major human body systems and how they maintain homeostasis.	**4-5 Weeks**
Unit 4: Safety, Infection Control, and Vital Signs	Master the chain of infection, practice proper hand hygiene, use Personal Protective Equipment (PPE), and learn to accurately measure vital signs.	**3 Weeks**
Unit 5: Healthcare Ethics, Communications, Cultural Awareness, and Laws	Navigate the legal and ethical responsibilities of healthcare workers, understand patient rights and laws, communication skills, and analyze cultural awareness in medicine.	**2-3 Weeks**

Course Evaluation:

The percentage breakdown for semester grade calculation will be as follows:

Skills Practice	**35%**	**(Daily work assignments, lab packets, case study projects).**
Assessments	**50%**	**(Quizzes/Tests, Lab Practicums).**
Final Exam or Project	**15%**	**(Semester exam at the end of both semesters over all material covered during that semester)**

Grading Scale

Grade	Percentage	Proficiency descriptors
A+	97-100	Assignments are fully completed in a timely manner and of excellent quality; the student shows superior level of initiative and seeks to go beyond the minimum requirements. Errors are rare or nonexistent.
A	93-96	
A-	90-92	
B+	87-89	Assignments are fully completed in a timely manner and typically of above average quality; the student is conscientious and meets all requirements with few errors.
B	83-86	
B-	80-82	
C+	77-79	Assignments are generally complete (met minimum requirements) and of good quality; assigned tasks have occasional errors.
C	73-76	
C-	70-72	
D+	67-69	Assignments are generally incomplete or of poor quality; the student makes frequent errors in work.
D	63-66	
D-	60-62	
F	0-59	Work is poorly done, if at all. Overall performance is inadequate to pass the course. **Note:** No name = No credit Illegible = No credit Late = No credit (There is an expectation that the work will **STILL** be completed and submitted without credit, but for corrections)

Classroom Policies and Expectations: Students are expected to adhere to the classroom rules set by the teacher in their assigned classroom, and in accordance with expectations found in the North Idaho STEM Charter Academy Student Handbook and Technology Policy.

Academic Honesty Code of Conduct:
"On my honor, I will maintain the highest possible standards of honesty, integrity, and personal responsibility. This means I will not lie, cheat, or steal, and as a member of this academic community, I am committed to creating an environment of respect and mutual trust."

Violations of this code include, but are not limited to:

- Copying another person's work or allowing your work to be copied (plagiarism)
- Allowing someone other than yourself to complete work in your name
- Using unauthorized assistance on an assessment or assignment
- Falsifying or manipulating data
- Submitting the same work for multiple courses without instructor's permission
- Giving answers to other students
- Lying to an instructor

- Tampering with or destroying the work of another student
- Using responses found on the internet, or created with the use of technological means (ex artificial intelligence, etc)

Any outside sources used on an assignment should be referenced and cited appropriately.

Use of Artificial Intelligence (AI): Positive uses of Artificial Intelligence (AI) include brainstorming ideas, creating outlines, and using AI to check student work for clarity. Students should NOT use AI to write work, revise work, or format work, as this would constitute plagiarism. Additionally, in specific classes, teachers may give differing permissions for the use of AI as it relates to their courses. Students must abide by the instructor's given guidelines.

Consequences for Academic Dishonesty: At the instructor's discretion, the student **will** lose partial or full credit for the assignment. The student will be on notice that the incident will be recorded in the gradebook and his/her parent(s) will be informed. Future academic dishonesty incidents will result in a grade of zero for the assignment, a meeting with the principal, and possible loss of credit, suspension, or expulsion. Direct copying is plagiarism. Only original work may be submitted for this (and any other) academic course. If you have any questions about avoiding plagiarism, please visit the **OWL at Purdue's "Avoiding Plagiarism" web page.**