

# ALLIED HEALTH (ALH)

**ALH A001N** 36 Hours (18 lecture hours; 18 lab hours)  
**Personal Care Aide I: Foundational Knowledge, Attitudes and Skills Non-Credit**

**Advisory:** Identification required on first day of class; No felony convictions.

**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit course will provide students with the education needed to meet the skills required to provide personal care services to elders and to consumers with disabilities in a home setting. Topics include Qualities of a Direct Care Worker; Work Settings; Teamwork and Professionalism; Working with Elders; Respecting Differences; Communication Skills; Working with a Consumer Who Is Depressed; Infection Control; Body Systems and Common Diseases and Body Mechanics. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A002N** 27 Hours (12 lecture hours; 15 lab hours)  
**Personal Care Aide II: Person Centered Care Noncredit**  
**Prerequisite(s):** ALH A001N or concurrent enrollment.

**Advisory:** Identification required on first day of class; No felony convictions.

**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit course will provide students with the education needed to meet the skills required to provide personal care services to elders and to consumers with disabilities in a home setting. Topics include Qualities of a Direct Care Worker; Work Settings; Teamwork and Professionalism; Working with Elders; Respecting Differences; Communication Skills; Working with a Consumer Who Is Depressed; Infection Control; Body Systems and Common Diseases and Body Mechanics. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A003N** 9 Hours (3 lecture hours; 6 lab hours)  
**First Aid and CPR/AED for Personal Care Aid Noncredit**  
**Prerequisite(s):** ALH A002N or concurrent enrollment.

**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

Techniques and theory of cardiopulmonary resuscitation will be covered and demonstrated. Completion qualifies the student for the American Heart Association Professional Rescuer CPR/AED certification. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A004N** 4.5-9 Hours (4.5-9 lecture hours)  
**Professional Writing for Health and Consumer Science - Noncredit**  
**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit class will support the development of writing skills for the science professional. Students will learn standard formats and expressions appropriate for their profession. Students will also work on writing related to the presentation of capstone projects. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A005N** 4.5-9 Hours (4.5-9 lecture hours)  
**Computational Skills for Consumer and Health Sciences I Noncredit**  
**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit course reviews and practices the basic operations of computations: addition, subtraction, multiplication, and division as applied to specific job skills/tasks in allied health professions/occupations. Medical assisting and respiratory care (to name two examples) require calculations involving multiple elements, students need to understand basic computational concepts to successfully calculate dosage (medical assisting) or volumes (respiratory care). Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A006N** 4.5-9 Hours (4.5-9 lecture hours)  
**Computational Skills for Consumer and Health Sciences II Noncredit**  
**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit course reviews the Order of Operations as it applies to various uses with the allied health professions, an example would be using Order of Operations to determine quality assurance for fluoroscopy units within a radiology suite. The equation uses a baseline value against an acquired value;  $\text{nmA/bmA} \times \text{Vp} \times 2/\text{bkVp}^2$ . Within the allied health professions there are a multitude of formulas that need to be solved; for example, in respiratory care, the alveolar gas equation; medical assisting requires students to be able to calculate drips per minute based on solution strength. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A007N** 4.5-9 Hours (4.5-9 lecture hours)  
**Computational Skills for Consumer and Health Sciences III Noncredit**  
**Grading Mode:** P/NP/SP Noncredit  
 Not Transferable.

This noncredit course covers measurement fundamentals and scientific notation in the allied health sciences to allow for performance of specific job functions. Scientific notation is a method of recording extremely large and small values. As such, the allied health professional will need to be able to perform addition, subtraction, multiplication, and division of values using scientific notation. Converting between measurement systems. Centigrade and Fahrenheit;  $C = (F-32)/1.8$ , centimeter to inches;  $\text{cm} = \text{inch}/2.54$ , pounds to kilograms;  $\text{kg} = \text{lb}/2.205$  to name a few. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A008N 4.5-9 Hours (4.5-9 lecture hours)**

**Computational Skills for Consumer and Health Sciences IV Noncredit**

**Grading Mode:** P/NP/SP Noncredit

Not Transferable.

This noncredit course covers ratios and proportions required for dosage calculations, dimensional analysis, and other job-specific applications related to the allied health professions. Allied health professionals need to be able to use, like proportions, to solve problems in a variety of allied health applications. Dental Assisting and Radiologic Technology use, like proportions, to adjust exposure factors for changes in distance. Drug dosage calculations typically use ratios and proportions to solve for differences in concentrations and weight. Sonography signal intensity is calculated by determining the difference between transmitted/received signal and allowing for distance traveled. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A009N 18 Hours (18 lecture hours)**

**Personal Care Aide III: Caregiving Skills to Assist Clients with Alzheimer's and Dementia**

**Advisory:** No felony convictions.

**Grading Mode:** P/NP/SP Noncredit

Not Transferable.

This noncredit course provides an overview of Alzheimer's and dementia including signs, symptoms, brain pathophysiology, diagnosis, treatment, and strategies for successful caregiving skills. It will teach students about the physical, emotional, cognitive and behavioral changes that may occur with the progression of the disease. The class will focus on important health and safety considerations for the clients as well as for the Personal Care Aide when working with someone with Alzheimer's and other types of dementia. ALH A009N is part of the Personal Care Aide Certification Program which is designed to facilitate successful entrance into the healthcare field as a Personal Care Aide. Students interested in completing the program should also register for ALH A001N and ALH A002N. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.

**ALH A011N 36 Hours (36 lecture hours)**

**Preparation for Allied Health Programs**

**Grading Mode:** P/NP/SP Noncredit

Not Transferable.

This is a noncredit course designed to help prospective students planning to pursue an ALH program develop familiarity with language parts such as roots, suffixes and prefixes to help them be better prepared to learn medical terminology. Students will also practice elements of English pronunciation and spelling necessary for them to use medical terms. Noncredit. Pass/No Pass/Satisfactory Progress. NOT DEGREE APPLICABLE.