

ALH HEALTH CAREERS

| | Hr/Wk | Hr/Wk | Sem |
|--|-------|-------|-----|
| | Lect/ | Clin | Cr |
| | Disc | Lab | Hr |

Courses

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| ALH.100 Exploring Health Careers | 1 | | 1 |
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This course is designed to introduce the student who is new to health care or exploring a health career field to basic knowledge and skills for many different health careers. This is an introductory course exploring aspects of infection control, vital signs, patient movement/transport, and patient care in different health career fields. This course is intended for any student interested in a health care field.

Offered: Fall or Spring

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).
General Education -- Not Applicable

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| ALH.105 Introduction to Patient Care | 1 | 1 | 1.5 |
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This course is designed to introduce the student who is new to health care or exploring a health career field to basic knowledge and skills of patient care for many different health careers. This is an introductory course exploring aspects of infection control, vital signs, patient movement/transport, oxygen administration, recognition of medical emergencies and assisting with drug administration. This course is intended for any student interested in a health care field.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).
General Education -- Not Applicable

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| ALH.110 Introduction to Pharmacology | 3 | | 3 |
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This course is an overview of pharmacology and its medications as it pertains to allied health professions. Topics will include principles of drug administration and basic mathematics involved in drug calculations. Throughout the course, the commonly used medications within allied health professions will be explored. This course is intended for students intending to enter an Allied Health program.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).
General Education -- Not Applicable

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| ALH.115 Basic Health Statistics | 3 | | 3 |
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This course is designed to provide students an introduction to terms, definitions, formulae, and computations used in computing health care statistics. Emphasis is on inpatient health care data and statistical computations, but most applications can be transferred to the outpatient or alternative healthcare settings. Statistical skills will be acquired and developed through actual use and analysis of data.

Offered: Fall

Prerequisites: The appropriate placement exam score or take MAT.080 with a grade of C or better or one year of high school Algebra completed in the last three years with a minimum grade of C.

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS and Certificates where applicable (1.2).
General Education -- Not Applicable

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| ALH.120 Medical Law and Ethics | 3 | | 3 |
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Students will be introduced to legal, moral, and ethical issues that are likely to arise as they practice health information management. This course provides an overview of the laws and the ethics needed to provide competent and compassionate care to patients within legal and ethical boundaries. This course will serve as a guide to assist students in resolving legal and ethical questions encountered as a health care provider.

Offered: Fall or Spring

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AGS, AAS and Certificates where applicable (1.2).
General Education -- Not Applicable

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| ALH.130 Professionalism in Healthcare | 2 | | 2 |
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The purpose of this course is to build a professional foundation for those who are entering college-level health care programs or for those who may be interested in pursuing a career in health care. This course will provide topics essential for today's learner and tomorrow's health care professional. Students will learn about the health care system, personal traits of the health care professional, relationships, teamwork, and communication in the health care setting, cultural competence and patient care, and the business of caring. The student will gain cognitive (knowledge), psychomotor (skills) and affective (behaviors) of the following fundamental concepts in health care: communication; cultural diversity; personal and professional traits of a health care worker; infection control; critical thinking; healthcare technology; ethical and legal responsibilities; and safety in healthcare. The student should develop and strengthen the professional traits and behaviors needed for today's health care industry. The student will have the basic knowledge of occupations in health care as it pertains to therapeutic, diagnostic, environmental, and information systems of the health care industry. This course is composed of 32 theory hours.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).
General Education -- Not Applicable

ALH.135 Health Professionals Success Strategies 1 1

This course provides an engaging foundation that will ensure student success in their chosen health care career and establish them along a pathway as a lifelong learner. This course focuses on exploring the student's strengths and identify areas for improvement of their personal lifestyle management and behaviors for success to work in a health care setting, work with patients, and work with other health care professionals. The student will gain cognitive (knowledge) and affective (behaviors) of the following soft skills: study skills, test taking, self-confidence, attitude and behavior, organization and time management skills, medical language, math skills, critical thinking and reasoning skills, stress management, emotional skills, and professional image in health care setting and after hours. The student will learn to develop action plans and achievable goals to improve their chance of success in school and at work. This course is composed of 16 theory hours.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).

General Education -- Not Applicable

ALH.140 Human Body in Health & Illness 3 3

This course is an exploration of the complex human body for health professionals to truly, understand both the normal and abnormal structure and function of the human body. The course provides an introduction into anatomy and physiology to understand the efficiency of a healthy, human body, and what happens when something goes wrong with structure and function of the human body. This course will provide health & well-being information related to issues and problems, facts and trends related to disease processes and therapies, infuses important medical terminology and essential concepts of major diseases/disorders to help students apply the material to real-life situations and ways to describe the body that are essential for effective patient care. This course is composed of 48 theory hours.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).

General Education -- Not Applicable

ALH.150 Career Development for Health Profes 2 2

This course provides career development for health professionals focusing on how to achieve and maintain career success to assist students in finding the right jobs. This course will introduce the student to professionalism in healthcare to gain an understanding of the personal traits of health care professionals in their role, work ethic and performance, the practicum experience, employment and professional development. The student will learn about working in health care and making a commitment to the job, maintaining a professional image, building professional references, creating a resume, creating a professional portfolio, interviewing, and developing leadership skills. This course is composed of 32 theory hours.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).

General Education -- Not Applicable

ALH.155 Principles of Electrocardiography .55 1 1

This course provides the student with an introductory overview of the anatomy and physiology of the heart and explores the normal electrical conduction as well as common variations as evidenced by changes in the waveform on the cardiac monitoring device. The course will also focus on the student's ability to interpret the resting normal and abnormal ECG and the student's ability to properly, perform 3-lead and 12-lead cardiac monitoring. Students will practice with equipment including introduction to the function and proper use of the ECG machine and proper lead placement utilizing simulation and hands-on practice in lab. This course is composed of 12 theory hours and 8 lab hours.

Offered: As Needed

Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AAS, AGS, and Certificates where applicable (1.2).

General Education -- Not Applicable

ALH.160 Advanced Electrocardiography 2 2

This course provides the student with advanced ECG interpretation and allows a greater understanding for diagnostic and treatment purposes. The course will also focus on the student's ability to interpret ECG dysrhythmias, characteristics, causes, and treatments including pacemakers and interpreting ECGs. Comprehensive dysrhythmias review and medication review. This course is composed of 32 hours of theory. (1.2).

General Education -- Not Applicable

ALH.180 Ecg Technician Practicum .5 7.5 2

This course provides students with opportunities to observe, participate, and perform in the functional role of the ECG Technician in a clinical setting and simulated clinical setting. Students supervised by course instructor or preceptors in a variety of healthcare facilities. The student will participate as a member of the healthcare team. The student will demonstrate safe and effective ECG testing procedures and ability to interpret ECG dysrhythmias that require immediate intervention in a clinical setting. The student will demonstrate professionalism, communication techniques, patient teaching, documentation, confidentiality, infection control practices, and compassionate patient care. The student will complete weekly exam review modules to prepare for the certification examination. This course is composed of 8 exam review/theory hours and 80-120 hours of lab/clinical practicum. (1.2).

General Education -- Not Applicable