Nursing and Health Professions

Certificate of Proficiency

Degree	Required Credit Hours
Emergency Medical Technology Basic	7
Health Professions	13
Nursing Assistant	7
Patient Care Technician	17
Phlebotomy	7

Technical Certificate

Degree	Required Credit Hours
Emergency Medical Technology	38
Health Professions	26
Practical Nursing	36

Associate of Applied Science

Degree	Required Credit Hours
Emergency Medical Technology	64
Registered Nursing	67

Associate of Science

Degree	Required Credit Hours
Health Professions	60

Certificate of Proficiency Emergency Medical Technology Basic

Program Learning Outcomes

- Students will develop competency in cognitive, psychomotor, and affective domains.
- Students will communicate effectively.
- Students will use critical thinking and problem-solving skills.
- Students will demonstrate professional development and growth.
- The program will measure ongoing effectiveness.

Program Requirements

Course Name	Course Number	Credit Hours
Basic Emergency Medical Technician	EMSC 11007	7

Requirements for Program Entry and Completion

To complete this program, students must:

- Maintain American Heart Association Healthcare Provider CPR throughout the program.
- Provide proof of two MMR vaccinations and one varicella vaccine or positive titer
- Provide proof of negative tuberculin skin test or documentation of appropriate follow-up care in case of positive test results.
- Provide proof of Hepatitis B series or signed information consent waiver.
- Submit to a criminal background check as required by the Arkansas Department of Health.
- Complete all program requirements with a grade of "C" or higher.

Total Credit Hours Required for Credential Completion: 7

Certificate of Proficiency Health Professions

Program Learning Outcomes

- Demonstrate foundational knowledge in science and mathematics to support health-related learning.
- Communicate effectively in written and verbal formats appropriate to academic and professional contexts.
- Apply critical thinking to evaluate information and solve problems in health-related scenarios.

Program Requirements

Course Name	Course Number	Credit Hours
English Composition I	ENGL 10103	3

Math Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
College Algebra	MATH 11003	3
Quantitative Literacy	MATH 11103	3
Math for Healthcare Professions	MATH 12103	3

Science Requirement

4 credit hours from the following required:

Course Name	Course Number	Credit Hours
Essentials of Anatomy and Physiology Lab	BIOL 10151	1
Essentials of Anatomy and Physiology	BIOL 10253	3
Biology for General Education Lab	BIOL 10031	1
Biology for General Education	BIOL 10043	3
Biology for Majors Lab	BIOL 10101	1
Biology for Majors	BIOL 10103	3
Anatomy and Physiology I Lab	BIOL 24001	1
Anatomy and Physiology I	BIOL 24003	3

Program Electives

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Computer Software Applications	CPSI 10563	3
Digital Literacy	CPSI 10663	3
Principles of Sociology	SOCI 10103	3
Oral Communication	SPCH 10003	3
Strategies for College Success	UNIV 10173	3

Total Credit Hours Required for Credential Completion: 13

Certificate of Proficiency Nursing Assistant

Program Learning Outcomes

- Demonstrate basic nurse assistant skills.
- Perform the duties and responsibilities of a nursing assistant.
- Demonstrate when to seek the nurse to report and observe change in the client.
- Address infection control standards and discuss several common diseases.
- Demonstrate ability to document observations of client needs.
- Address psychosocial issues of clients in health care facilities.
- Discuss Good Samaritan laws and who they protect and to what extent.
- Respond to a client in an emergency situation, get their data, and report appropriately.
- React to client situations utilizing the concepts of CA be (circulation, airway, and breathing).
- Utilize common terminology; Recognize important signs/ symptoms.
- Demonstrate communication (listening and reporting) skills
- Explain care needs of the geriatric client and care needs as related to dementia.

Program Requirements

Course Name	Course Number	Credit Hours
Health Skills I	ALHE 15037	7

Requirements for Program Entry and Completion

Students must earn a "C" or better and meet attendance requirements as set by the Arkansas Office of Long-term Care

Total Credit Hours Required for Credential Completion: 7

Certificate of Proficiency Patient Care Technician

Program Requirements

- Demonstrate proficiency in foundational patient care skills, including specimen collection, infection control, and emergency response, while adhering to safety and quality standards.
- Communicate effectively with patients, families, and healthcare teams using professional verbal, nonverbal, and written techniques, including medical terminology.
- Apply ethical principles, legal standards, and regulatory guidelines in delivering patient care and performing healthcare procedures.
- Provide compassionate and competent care tailored to the unique needs of diverse populations, including pediatric, geriatric, and dementia patients.
- Collaborate with healthcare professionals by accurately documenting observations, recognizing critical patient symptoms, and reporting changes in patient status.

Program Requirements

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Health Skills	ALHE 15037	7
Phlebotomy	ALHE 16037	7

Total Credit Hours Required for Credential Completion: 17

Certificate of Proficiency Phlebotomy

Program Learning Outcomes

- List the steps in selected specimen collection procedures performed by the phlebotomy technician.
- Discuss the safety procedures in the healthcare setting and specifically in performing specimen collection procedures.
- Identify specific supplies and equipment used in selected specimen collection procedures.
- Participate in a discussion about precautions and guidelines when collecting specimens in special populations such as pediatrics and geriatrics.
- Define quality of care and explain the impact on patient medical care when quality and safety are compromised in phlebotomy procedures.
- Describe the anatomy, physiology, pathophysiology, and medical terminology associated with phlebotomy.
- Discuss the requirements of the successful phlebotomy career including desired character traits, training, and education roles and responsibilities.
- Demonstrate professional communication techniques with clients and others in the healthcare setting verbally, nonverbally, with health record and using computer systems.
- Identify common legal issues, ethical issues, and regulatory issues commonly impacting the phlebotomist.

Program Requirements

Course Name	Course Number	Credit Hours
Phlebotomy	ALHE 16037	7

Total Credit Hours Required for Credential Completion: 7

Technical Certificate Emergency Medical Techology Paramedic

Program Learning Outcomes

- Develop communication skills that will enhance patient care (affective).
- Exhibit skills to work independently as the lead paramedic (psychomotor).
- Formulate critical thinking skills to all prehospital situations (cognitive).
- Generate differential diagnosis when evaluating the medical/trauma patient (cognitive).
- Initiate legal documentation that involves all patient care and permanent records (cognitive).
- Internalize professional behavior (affective).

Program Requirements

Course Name	Course Number	Credit Hours
Paramedic I	EMSC 20114	14
Paramedic II	EMSC 22116	16
Paramedic III	EMSC 22008	8

Program Pre-Requisites

Before entering the program, students must successfully complete the following with a grade of "C" or better:

- Basic Emergency Medical Technician (EMSC 11007)
- Essentials of Anatomy and Physiology and Lab (BIOL 10253/BIOL 10151)*
- Medical Terminology (ALHE 10503)

*May be substituted with Anatomy and Physiology I with Lab (BIOL 24003/BIOL 24001) and Anatomy and Psychology II with Lab (BIOL 10253/BIOL 10151)

Requirements for Program Entry and Completion

Certification by the Arkansas Department of Health as an Emergency Medical Technology (EMT) – Basic is required prior to entry into the paramedic program.

Students must:

- Maintain American Heart Association Healthcare Provider CPR throughout the program.
- Provide proof of two MMR vaccinations and one varicella vaccine or positive titer

- Provide proof of negative tuberculin skin test or documentation of appropriate follow-up care in case of positive test results.
- Provide proof of Hepatitis B series or signed information consent waiver.
- Submit to a criminal background check as required by the Arkansas Department of Health for licensure.

Total Credit Hours Required for Credential Completion: 38

Technical Certificate Health Professions

Program Learning Outcomes

- Apply knowledge of science and mathematics to analyze and interpret concepts relevant to health and wellness.
- Demonstrate effective written and verbal communication skills across academic and professional settings.
- Use critical thinking to evaluate information, solve problems, and make informed decisions in health-related contexts.
- Recognize the influence of cultural, social, and behavioral factors on health and healthcare practices.

Program Requirements

Course Name	Course Number	Credit Hours
English Composition I	ENGL 10103	3
English Composition II	ENGL 10203	3

Math Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
College Algebra	MATH 11003	3
Quantitative Literacy	MATH 11103	3
Math for Healthcare Professions	MATH 12103	3

Science Requirement

8 credit hours from the following required:

Course Name	Course Number	Credit Hours
Essentials of Anatomy and Physiology Lab	BIOL 10151	1
Essentials of Anatomy and Physiology	BIOL 10253	3
Biology for General Education Lab	BIOL 10031	1
Biology for General Education	BIOL 10043	3
Biology for Majors Lab	BIOL 10101	1
Biology for Majors	BIOL 10103	3
Microbiology Lab	BIOL 20001	1
Microbiology	BIOL 20003	3
Anatomy and Physiology I Lab	BIOL 24001	1
Anatomy and Physiology I	BIOL 24003	3

Anatomy and Physiology II Lab	BIOL 24101	1
Anatomy and Physiology	BIOL 24103	3
College Chemistry I Lab	CHEM 14101	1
College Chemistry I	CHEM 14103	3
College Chemistry II Lab	CHEM 14201	1
College Chemistry II	CHEM 14203	3
Physical Science Lab	PHSC 10031	1
Physical Science	PHSC 10043	3
University Physics I Lab	PHYS 20301	1
University Physics I	PHYS 20303	3

Program Electives

9 credit hours from the following required:

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Visual Art	ARHS 10003	3
Computer Software Applications	BUSI 10563	3
Digital Literacy	BUSI 10663	3
United States History I	HIST 21103	3
United States History II	HIST 21203	3
Music	MUSC 10003	3
General Psychology	PSYC 11003	3
Developmental Psychology	PSYC 21003	3
Principles of Sociology	SOCI 10103	3
Oral Communication	SPCH 10003	3
Theater	THTR 10003	3
Strategies for College Success	UNIV 10173	3

Total Credit Hours Required for Program Completion: 26

Technical Certificate Practical Nursing

Program Learning Outcomes

- Analyze the nursing process in identifying the client's basic physical, mental, emotional, socio-cultural, and spiritual needs.
- Support appropriate oral & written communication techniques with clients, family members, and associates with respect and empathy.
- Demonstrate theory in clinical practice by functioning as a competent member of the health care team, within the practical nursing scope of practice as outlined by the Nurse Practice Act.
- Adapt nursing care to meet client needs in restoring, promoting, maintaining physical and mental health, and preventing illness.
- Modify principles of growth and development, adapting care to meet physical, emotional, and social development for clients of all ages.
- Illustrate legal and ethical principles in personal and vocational relationships, while assuming accountability and responsibility for delegation of duties to unlicensed personnel.
- Master competence in medication administration and continue to adhere to medication administration rotation guidelines that are within the scope of the student practical nurse.
- Evaluate caring behaviors that promote client dignity, autonomy, and individuality in seeking and attaining optimum health.
- Assist in evaluating the effectiveness of teaching in meeting the learning needs of the client.
- Evaluate the role of the practical nurse, demonstrating competence and professionalism.

Program Requirements

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Essentials of Anatomy and Physiology Lab*	BIOL 10151	1
Essentials of Anatomy and Physiology*	BIOL 10253	3
English Composition I	ENGL 10103	3
Math for Healthcare Professions	MATH 12103	3
PN Theory I	PNUR 11210	10
PN Practicum I	PNUR 11055	5
PN Theory II	PNUR 12110	10
PN Practicum II	PNUR 12055	5
PN Theory III	PNUR 13054	4
PN Practicum III	PNUR 13052	2

*May be substituted with Anatomy and Physiology I with Lab (BIOL 24003/BIOL 24001) and Anatomy and Physiology II with Lab (BIOL 10253/BIOL 10151)

Requirements for Program Entry and Completion

For complete information on application, enrollment, and completion requirements please visit www.uaccb.edu/nursing.

Total Credit Hours Required for Credential Completion: 49

Associate of Applied Science Emergency Medical Technology Paramedic

Program Learning Outcomes

- Develop communication skills that will enhance patient care (affective).
- Exhibit skills to work independently as the lead paramedic (psychomotor).
- Formulate critical thinking skills to all prehospital situations (cognitive).
- Generate differential diagnosis when evaluating the medical/trauma patient (cognitive).
- Initiate legal documentation that involves all patient care and permanent records (cognitive).
- Internalize professional behavior (affective).

Program Requirements

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Essentials of Anatomy and Physiology Lab*	BIOL 10151	1
Essentials of Anatomy and Physiology*	BIOL 10253	3
Basic Emergency Medical Technician	ALHE 10503	7
Paramedic I	EMSC 20114	14
Paramedic II	EMSC 22116	16
Paramedic III	EMSC 22008	8
English Composition I	ENGL 10103	3
English Composition II	ENGL 10203	3
Technical Math	MATH 10103	3

*May be substituted with Anatomy and Physiology I with Lab (BIOL 24003/BIOL 24001) and Anatomy and Physiology II with Lab (BIOL 10253/BIOL 10151)

Social Science Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
General Psychology	PSYC 11003	3
Principles of Sociology	SOCI 10103	3

Requirements for Program Entry and Completion

Certification by the Arkansas Department of Health as an Emergency Medical Technology (EMT) – Basic is required prior to entry into the paramedic program.

Students must:

- Maintain American Heart Association Healthcare Provider CPR throughout the program.
- Provide proof of two MMR vaccinations and one varicella vaccine or positive titer
- Provide proof of negative tuberculin skin test or documentation of appropriate follow-up care in case of positive test results.
- Provide proof of Hepatitis B series or signed information consent waiver.
- Submit to a criminal background check as required by the Arkansas Department of Health for.

Students must successfully complete all requirements with a grade of "C" or better.

Total Credit Hours Required for Credential Completion: 64

Associate of Applied Science Registered Nursing

Program Learning Outcomes

- Provide client-centered, culturally competent nursing care for clients across the lifespan (QSEN: Client-Centered Care).
- Utilize best current evidence as a basis for clinical judgement to meet the holistic health care needs of clients in a variety of health care settings (QSEN: Evidence-Based Practice).
- Exemplify professional behaviors as a nursing leader that incorporate integrity, excellence, and legal/ethical standards and principles (QSEN: Professionalism).
- Collaborate with the nursing and healthcare team members to provide safe, quality client care (QSEN: Teamwork and Collaboration; Safety and Quality).

Program Requirements

Course Name	Course Number	Credit Hours
Nursing Theory I	NURS 15008	8
Nursing Practicum I	NURS 15105	5
Nursing Theory II	NURS 22010	10
Nursing Practicum II	NURS 22105	5
Nursing Theory III	NURS 23010	10
Nursing Practicum III	NURS 23105	5

Program Pre-Requisites

Before entering the program, students must successfully complete the following with a grade of "C" or better:

- Anatomy and Physiology I with Lab (BIOL 24003/BIOL 24001)
- Anatomy and Physiology II with Lab (BIOL 10253/BIOL 10151)
- Microbiology with Lab (BIOL 20003/BIOL 20001)
- English Composition I (ENGL 10103)
- English Composition II (ENGL 10203)
- Math for Healthcare Professionals (MATH 12103)

Program Pre and Co Requisites

- General Psychology (PSYC 11003)

- Licensed Practical Nurse to Registered Nurse Track: must be completed as a pre requisite prior to program entry.
- Licensed Practical Nurse to Registered Nurse Online Track: must be completed as a pre requisite prior to program entry.
- Traditional Registered Nurse Track: must be completed as a pre -requisite prior to program entry or within the first term of program enrollment.

Program Information

The Registered Nursing program is offered in multiple tracks:

- Licensed Practical Nurse to Registered Nurse
- Licensed Practical Nurse to Registered Nurse (Online)
- Traditional Registered Nurse

For complete information on application, enrollment, and completion requirements please visit www.uaccb.edu/nursing.

Total Credit Hours required for Credential Completion: 67

Associate of Science Health Professions

Program Learning Outcomes

- Apply foundational knowledge from natural sciences, social sciences, and humanities to understand health and wellness concepts.
- Communicate effectively through written, verbal, and digital formats in academic and professional health contexts.
- Use critical thinking and ethical reasoning to evaluate health-related problems and propose appropriate solutions.
- Examine the impact of historical, cultural, and global perspectives on healthcare practices and policies.

Program Requirements

Course Name	Course Number	Credit Hours
English Composition I	ENGL 10103	3
English Composition II	ENGL 10203	3
Introduction to Philosophy	PHIL 11003	3
General Psychology	PSYC 11003	3
Oral Communication	SPCH 10003	3
Foundations of Personal Finance	UNIV 10071	1
Strategies for College Success	UNIV 10173	3

Fine Arts and Humanities Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
Visual Art	ARHS 10003	3
Music	MUSC 10003	3
Theater	THTR 10003	3

Math Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
College Algebra	MATH 11003	3
Quantitative Literacy	MATH 11103	3
Math for Healthcare Professions	MATH 12103	3

Life Science Requirement

4 credit hours from the following required:

Course Name	Course Number	Credit Hours
Essentials of Anatomy and Physiology Lab	BIOL 10151	1
Essentials of Anatomy and Physiology	BIOL 10253	3
Biology for General Education Lab	BIOL 10031	1
Biology for General Education	BIOL 10043	3
Biology for Majors Lab	BIOL 10101	1
Biology for Majors	BIOL 10103	3
Anatomy and Physiology I Lab	BIOL 24001	1
Anatomy and Physiology I	BIOL 24003	3

Physical Science Requirement

4 credit hours from the following required:

Course Name	Course Number	Credit Hours
College Chemistry I Lab	CHEM 14101	1
College Chemistry I	CHEM 14103	3
Physical Science Lab	PHSC 10031	1
Physical Science	PHSC 10043	3
University Physics I Lab	PHYS 20301	1
University Physics I	PHYS 20303	3

Social Science Requirement

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
World Civilization I	HIST 11103	3
World Civilization II	HIST 11203	3

3 credit hours from the following required:

Course Name	Course Number	Credit Hours
United States History I	HIST 21103	3
United States History II	HIST 21203	3
United States Government	PLSC 20003	3

Program Electives

21 credit hours from the following required:

Course Name	Course Number	Credit Hours
Medical Terminology	ALHE 10503	3
Health Skills I	ALHE 15037	7
Nutrition	ALHE 20033	3
Health Assessment	ALHE 20103	3
Biology for General Education Lab	BIOL 10031	1
Biology for General Education	BIOL 10043	3
Biology for Majors Lab	BIOL 10101	1
Biology for Majors	BIOL 10103	3
Essentials of Anatomy and Physiology Lab	BIOL 10151	1
Essentials of Anatomy and Physiology	BIOL 10253	3
Microbiology Lab	BIOL 20001	1
Microbiology	BIOL 20003	3
Anatomy and Physiology I Lab	BIOL 24001	1
Anatomy and Physiology I	BIOL 24003	3
Anatomy and Physiology II Lab	BIOL 24101	1
Anatomy and Physiology II	BIOL 24103	3
Computer Software Applications	BUSI 10563	3
Digital Literacy	BUSI 10663	3
College Chemistry I Lab	CHEM 14101	1
College Chemistry I	CHEM 14103	3
College Chemistry II Lab	CHEM 14201	1
College Chemistry II	CHEM 14203	3
Trigonometry	MATH 12003	3
Math for Healthcare Professions	MATH 12103	3
Statistics	MATH 21003	3
Calculus I	MATH 24004	4
Physical Science Lab	PHSC 10031	1
Physical Science	PHSC 10043	3
Physics for Health Sciences	PHYS 20104	4
Abnormal Psychology	PSYC 20133	3
Developmental Psychology	PSYC 21003	3
University Physics II Lab	PHYS 20401	1
University Physics II	PHYS 20403	3
Principles of Sociology	SOCI 10103	3

Total Credit Hours for Credential Completion: 60