

### **Focus Areas:**

**Nursing (ADN),  
Partnership AAS/BSN  
Nurse's Aide  
Medication Aide  
EMT  
Pharmacy Technician  
Pre-BSN**

# **NURSING & ALLIED HEALTH**

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### ***Potential Careers:***

- **Registered Nurse**
- **CNA**
- **CMA**
- **EMT**
- **Pharmacy Technician**

### ***Program Learning Outcomes - Nursing:***

1. Integrate caring behaviors in practicing the art and science of nursing within a diverse population.
2. Implement professional standards and scope of practice within legal, ethical, and regularity framework.
3. Collaborate with clients and members of the inter-professional health care team to optimize client outcomes.
4. Formulate safe and effective clinical judgments, guided by the nursing process, clinical reasoning, and evidence-based practices.
5. Provide leadership in the management of care to meet client needs using available resources and current technology.
6. Generate teaching and learning processes to promote and maintain health and to reduce risks for global populations.
7. Demonstrate effective communication methods to manage client needs and to interact with other health care team members.

## **DEGREES & CERTIFICATES**

Certified Nurse Aide ..... 5 hours  
Certified Medication Aide ..... 5 hours  
Emergency Medical Technician ..... 16 hours  
Pharmacy Technician ..... 16 hours

Nursing - Generic Track..... A.A.S. - 67 hours  
Nursing - LPN to ADN..... A.A.S. - 67 hours  
Associate of Science ..... A.S. - 62 hours  
Nursing A.A.S./B.S.N. Partnership Available

# NURSING

The ADN program at Cloud County Community College (CCCC) prepares the graduates to practice as registered nurses upon successful completion of the National Council Licensure Examination (NCLEX-RN®). They are qualified to enter a professional position as a generalist in a variety of care settings with clients of all ages from diverse populations. CCCC nursing graduates are also prepared to continue studies at colleges or universities that offer bachelor's degrees in nursing. The Associate Degree in Nursing program does not prepare persons for teaching positions. The generic program option is for students with no prior nursing license, with the ability and resources, whose career goal is registered nursing. The advanced standing program option is for LPNs, whose career goal is to become a registered nurse. Upon completion, graduates are awarded an Associate of Applied Science degree and are eligible to take the licensure examination for registered nurses, NCLEX-RN®.

#### Contact:

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#### Degree Information

The Associate of Applied Science Degree in Nursing prepares graduates to take the RN licensure exam (NCLEX-RN) and to practice as Registered Nurses.

#### Recommended Course Sequence:

##### **Generic Traditional Option**

Certified Nursing Assistant (CNA) - current certification or equivalent.  
Prerequisites: SC126, SS101, SS105, MA110  
First Semester: NR110, NR111, SC128  
Second Semester: NR112, NR114, CM101  
Third Semester: NR211, NR115, CM115 or CM240  
Fourth Semester: NR 212, Humanities course

##### **Advanced Standing Option**

Prerequisite Courses: CM101, MA110, SS101, SS105, SC126, SC128  
LPN Program Portfolio - Transfer 19 cr  
First Semester: NR210, NR211, NR115, CM115 or CM240  
Second Semester: NR212, Humanities course

Licensed as an LPN - May be a practical nursing student at the time of application but must be licensed prior to NR211 Lifespan Nursing III. Acceptance is provisional until Practical Nurse Licensure is confirmed.

NR courses are offered on both the Concordia

and the Geary County Campuses. Non-nursing courses are offered on the Concordia and Geary County Campuses, through Outreach at various locations and times, and on the Internet.

#### **Additional Enrollment Requirements:**

**Physical Examination:** The applicant must have satisfactory physical and mental health. A physical examination and health history are required after admission. All immunizations must be up-to-date.

**CPR certification:** Applicants shall provide evidence of current CPR certification at the professional level through the American Heart Association or American Red Cross.

**Security Screening:** A security screening will be completed prior to any clinical experience. Criminal conviction may jeopardize the ability to continue in the course and/or to obtain licensure.

**Health Insurance:** Students enrolled in the nursing program are required to carry health insurance as a clinical facility requirement. Proof of coverage must be on file in the nursing office. It is the student's responsibility to continue health insurance coverage throughout the nursing program.

Any health care cost incurred by the student is the responsibility of the student and is not the responsibility of CCCC or any of its clinical agencies. Students are **responsible for their own health care**.

**Convictions or Disciplinary Action** - Felony Crimes Against Persons are an automatic bar to Kansas nursing licensure as set by the Kansas legislature. It would require a law (statute) change by the Kansas legislature to allow licensure. Those actions are "as specified in article 34 of chapter 21 of the Kansas Statutes Annotated, prior to their repeal, or article 54 of chapter 21 of the Kansas Statutes annotated or K.S.A. 2019 Supp. 21-6104, 21-6325, 21-6326 or 21-6418, and amendments thereto." --Kansas Nurse Practice Act. Obtaining the Associate Degree in Nursing from Cloud County Community College does not guarantee licensure in any state, including Kansas. Information regarding grounds for disciplinary action pertaining to a Kansas license is addressed in regulation KSA 65-1120.

**Literacy Screening:** Applicants must have completed General Psychology, Human Growth and Development, Intermediate

Algebra and Anatomy and Physiology prior to enrollment in the NR courses. Students with English as a second language are required to take the TOEFL\* exam to validate proficiency of the English language. *\*If a student applicant has successfully completed CM101 English Composition I, a TOEFL score is not required.*

#### **Approved by:**

Kansas State Board of Nursing  
Landon State Office Building  
900 SW Jackson, Suite 1051  
Topeka, KS 66612-1230  
785-296-4929 [ksbn.org](http://ksbn.org)

#### **Accredited by:**

Accrediting Commission for Education in Nursing (ACEN)  
3390 Peachtree Road NE, Suite 1400  
Atlanta, GA 30326  
404-975-5000, fax 404-975-5020

**Student Organizations:** Student Nurse Organization

**Nursing AAS/BSN Partnership:** The Community College Nursing Partnership offers the comfort and convenience of staying at CCCC while pursuing both the Associate Degree in Nursing (ADN) and Bachelor of Science in Nursing (BSN). The program bypasses the traditional prelicensure associate degree nursing step. Instead, this curriculum makes it possible for students to complete the ADN (AAS) and BSN through on-campus courses at CCCC and online courses through the University of Kansas (KU) or Ottawa University. After completing the program, eligible students are awarded both an AAS and a BSN, and are eligible to take the National Council Licensing Exam (NCLEX-RN).

**Gainful Employment:** The salary for new graduates of ADN programs entering the work field in acute care in Kansas is approximately \$40,500 - \$65,000. Salary will vary by specialty and location. The Kansas Dept of Health and Welfare states that a serious nursing shortage exists in Kansas for registered nurses. Graduates from the nursing program are consistently employed at a nearly 100% rate. [Http://www.kdheks.gov/ches/](http://www.kdheks.gov/ches/).

**Transfer Institution Guide:** A student who is interested in pursuing a baccalaureate degree should consult a CCCC advisor and the transfer guide and catalog of the four-year institution.

# NURSING & ALLIED HEALTH

## ASSOCIATE DEGREE IN NURSING

Associate of Applied Science

67 Hours

### Generic Track

#### General Education Required Courses 23 cr

*Communication Requirement* 6

CM101 English Composition I (3 cr)

CM115 Public Speaking (3 cr) **or**

CM240 Interpersonal Communications (3 cr)

*Humanities Requirement (out of following areas)* 3

Art Humanities

Music Literature

Theatre Philosophy

Foreign Language History

*Mathematics Requirement* 3

MA110 Intermediate Algebra (3 cr) **or**

Mathematics General Education Course

*Natural Science Requirement* 5

SC126 Anatomy & Physiology (5 cr) **or**

SC120 Human Anatomy and Physiology I(4 cr) **and**

SC121 Human Anatomy and Physiology II (4 cr)

*Social/Behavioral Science Requirement* 6

SS101 General Psychology (3 cr)

SS105 Human Growth & Development (3 cr)

#### Required Courses 44 cr

NR110 Health Assessment for Nurses 3

NR111 Life Span Nursing I 6

NR112 Life Span Nursing II 9

NR114 Pharmacology II 2

NR115 Pharmacology III 2

NR211 Life Span Nursing III 9

NR212 Life Span Nursing IV 9

NR128 Pathophysiology 4

CNA or equivalent.

*Note:*

General Education Courses must be completed with a "C" or better.

Nursing (NR) courses with a "B" or better.

### LPN to ADN - Advanced Standing Track

#### General Education Required Courses 23 cr

*Communication Requirement* 6

CM101 English Composition I (3 cr)

CM115 Public Speaking (3 cr) **or**

CM240 Interpersonal Communications (3 cr)

*Humanities Requirement (out of following areas)* 3

Art Humanities

Music Literature

Theatre Philosophy

Foreign Language History

*Mathematics Requirement* 3

MA110 Intermediate Algebra (3 cr) **or**

Mathematics General Education Course

*Natural Science Requirement* 5

SC126 Anatomy & Physiology (5 cr) **or**

SC120 Human Anatomy and Physiology I(4 cr) **and**

SC121 Human Anatomy and Physiology II (4 cr)

*Social/Behavioral Science Requirement* 6

SS101 General Psychology (3 cr)

SS105 Human Growth & Development (3 cr)

#### Required Courses 44 cr

NR115 Pharmacology III 2

NR210 LPN to ADN Bridge 1

\*NR211 Life Span Nursing III 9

NR212 Life Span Nursing IV 9

NR128 Pathophysiology 4

LPN Portfolio 19

\*LPN license prior to NR211

*Note:*

General Education Courses must be completed with a "C" or better.

Nursing (NR) courses with a "B" or better.

# NURSING & ALLIED HEALTH

## Associate of Science 62 Hours

### Required General Education Courses 33-34 cr

<i>Communication Requirement</i>	9
CM101 English Composition I (3 cr)	
CM102 English Composition II (3 cr)	
CM115 Public Speaking (3 cr) <b>or</b>	
CM240 Interpersonal Communications (3 cr)	
<i>Humanities Requirement (2 areas required)</i>	6
Art Humanities	
Music Literature	
Theatre Philosophy	
Foreign Language History	
<i>Mathematics Requirement</i>	3
Mathematics General Education Course	
<i>Natural Science Requirement (2 areas required)</i>	9-10
SC101 General Biology (4 cr) <b>or</b>	
SC110 Principles of Biology I (5 cr) <b>or</b>	
SC120 Human Anatomy & Physiology I (4 cr)	
SC130 General Chemistry (5 cr) <b>or</b>	
SC131 Chemistry I (5 cr)	
<i>Social/Behavioral Science Requirement (2 areas required)</i>	6
Economics Anthropology	
Psychology Political Science	
Sociology Geography	

### Elective Courses 18-20 cr

<b>Science</b>		
SC103	Physical Science	5
SC110	Principles of Biology I	5
SC111	Microbiology Lecture	3
SC112	Microbiology Lab	2
SC120	Human Anatomy & Physiology I	4
SC121	Human Anatomy & Physiology II	4
SC125	Human Body Dissection	1
SC126	Anatomy & Physiology	5
SC128	Pathophysiology	4
SC131	Chemistry I	5
SC132	Chemistry II	5
SC140	College Physics I	5
SC141	College Physics II	5
SC142	University Physics I	5
SC143	University Physics II	5
SC151	Principles of Biology II	5

#### Additional Electives

AH197	Certified Nurse Aide	5
AH198	Certified Medication Aide	5
AH199	Home Health Aide	2
AR100	Art Appreciation	3
BE122	Medical Office Vocabulary	2

BE170	Business Statistics	3
BE210	Leadership Development	3
HE124	Nutrition	3
CM121	Introduction to Literature	3
CM122	American Literature I	3
CM123	American Literature II	3
CM124	World Literature & the Human Experience	3
CM140	Theatre Appreciation	3
CM148	American Cinema Appreciation	3
CS108	Computer Applications	3
GE101	World Geography	3
HE124	Nutrition	3
HI120	World History I	3
HI121	World History II	3
HI122	U.S. History I	3
HI123	U.S. History II	3
HU201	Humanities I	3
HU202	Humanities II	3
MA107	Medical Mathematics	1
MA112	Trigonometry	3
MA114	Elementary Statistics	3
MA115	General Calculus	3
MA120	Analytic Geometry and Calculus I	5
MA121	Analytic Geometry and Calculus II	5
MG102	Introduction to Entrepreneurship	3
MU100	Music Appreciation	3
MU102	World Music	3
MU103	History of Rock Music	3
NR220	Cooperative Ed Internship	1-4
PE131	First Aid and Safety	3
PE141	Personal Wellness	3
PE250	Stress Management	3
PH100	Introduction to Philosophy	3
SD100	College Skills	1
SS101	General Psychology	3
SS102	Abnormal Psychology	3
SS105	Human Growth & Development	3
SS106	Marriage and Family	3
SS125	Introduction to Cultural Anthropology	3
SS130	Introduction to Sociology	3

### Open Electives 8-10 cr



# NURSING & ALLIED HEALTH

## ALLIED HEALTH

### ***Program Learning Outcomes:***

#### ***CNA, CMA, and HHA:***

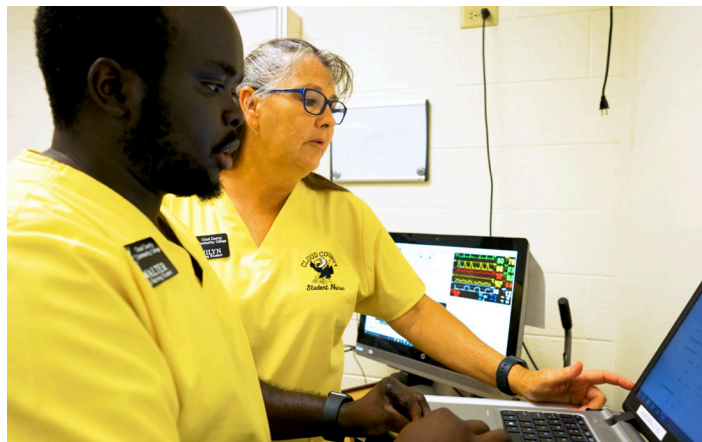
1. Follow safety and infection control procedures for protection of client, self, and others.
2. Recognize and report changes and abnormalities to nurse or primary care provider.
3. Provide considerate and respectful care of the client by complying with patient rights.
4. Follow HIPAA guidelines for the protection of confidentiality.

#### ***EMT:***

1. Demonstrate the appropriate skills and knowledge to assist in a variety of medical emergencies.
2. Implement professional standards and scope of practice within legal, ethical, and regulatory frameworks.

#### ***Pharmacy Technician:***

1. Apply the federal, state, and local laws, regulations and professional standards to pharmacy practice.
2. Follow safety and infection control procedures for protection of client, self, and others.
3. Perform math function, dosage calculation, and compounding techniques.
4. Utilize effective communication techniques with clients and members of the interdisciplinary healthcare team.



### **Certified Nurse Aide (CNA)**

This course prepares the student with the basic knowledge and skills necessary to provide care to residents in adult care homes as well as a variety of healthcare settings. The student will learn how to provide basic care including activities of daily living as well as psycho-social needs. The CNA works under the supervision of a licensed nurse. Once the student successfully completes the 90-contact hour course, which includes 45 hours of didactic and 45 hours of clinical, they become eligible to take the Kansas State Certified Nurse Aide (CNA) Exam. After they successfully pass the state KDADS exam, they are added to the Kansas nurse aide registry as a certified nurse aide. The candidate must be 16 years of age by the end of the class. Criminal conviction may jeopardize eligibility for certification and/or employment.

### **Certified Medication Aide (CMA)**

This course prepares the student with the basic knowledge and skills to administer medications and treatments to select age groups in an adult care home. The medication aide works under the supervision of a licensed nurse.

Once enrolled the student must successfully complete the 75-hour course. The course consists of 50 hours didactic and 25 hours clinical. Once they have successfully completed the course, they become eligible to take the Kansas State Medication Aide Certification Test (CMA). Successful completion of the state exam will result in the candidate being listed on the Kansas Nurse Aide Registry as a certified medication aide.

Per KDADS requirements, to take the class and become a Certified Medication Aide (CMA) in Kansas, an individual must hold a Kansas Certified Nurse Aide certification (without pending or current legal prohibitions), be 18 years old by the date of state testing and be screened for reading ability. The college requirement for screening is for the student to pass a reading test or have had a college level English class with a passing grade of "C". Also, eligible are qualified intellectual disability professional (QIDP) who can provide verification of employment as a QIDP.

### **Home Health Aide (HHA)**

This course will provide fundamental knowledge of the aging process with emphasis on providing services essential to the physical, mental, and psycho-social well-being of clients in the home setting; incorporating basic care of clients with the instrumental activities of daily living in the home setting. The student will complete 30 hours of instruction following the Kansas Department for Aging and Disability Services curriculum.

# NURSING & ALLIED HEALTH

## ALLIED HEALTH

### EMERGENCY MEDICAL TECHNICIAN

This course of study will provide the participant with the preparation necessary to test for certification as an Emergency Medical Technician in the State of Kansas. This is the initial course of instruction required for persons involved in providing emergency care. Areas covered include: the control of an accident scene, care of the patient prior to transport, preparation for transport, transport and care of the patient while en-route to the hospital, transfer of a patient to a hospital emergency department, communications, reporting, record keeping, and vehicle care. This Emergency Medical Technician course meets the course requirements of the Kansas Board of Emergency Medical Services as set forth in Kansas Administrative Regulations.

When taken with courses listed below, the student will be awarded a college-level certificate.

#### EMT LEVEL I

*16-Hour Certificate*

#### General Education Required Courses 3 cr

SS101	General Psychology	or	
	SS130	Introduction to Sociology	3

#### Required EMT Courses 10 cr

*Required Course (10 credits)*

AH163	Emergency Medical Technician	10
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#### Open Electives 3 cr

### PHARMACY TECHNOLOGY

The Pharmacy Technology program prepares individuals, under the supervision of pharmacists, to prepare medications, provide medications and related assistance to patients, and manage pharmacy clinical and business operations. Includes instruction in medical and pharmaceutical terminology, principles of pharmacology and pharmaceutis, drug identification, pharmacy laboratory procedures, prescription interpretation, patient communication and education, safety procedures, record-keeping, measurement and testing techniques, pharmacy business operations, prescription preparation, logistics and dispensing operations, and applicable standards and regulations.

The 16-credit hour certificate is offered in the online course delivery format.

#### PHARMACY TECHNICIAN

*16-Hour Certificate*

#### General Education Required Courses 3 cr

<i>Communication Requirement</i>		3
CM101	English Composition I (3 cr)	or
CM115	Public Speaking (3 cr)	

#### Required Pharmacy Technology Courses 13 cr

BE122	Medical Office Vocabulary	2
MA107	Medical Mathematics	1
PM104	Pharmacy Technician I	5
PM105	Pharmacy Technician II	5

