

# ALLIED HEALTH & Human Services

## ALLIED HEALTH DEPARTMENT

### Location:

Allied Health Building

### Associate Dean and Director of Nursing Education Programs:

Nina Kirk, RN, MS, 970.339.6622

### Nurse Aide Coordinator:

Shirley Casady, BSN,  
RN, 970.339.6281

### Radiologic Technology Program

#### Co-Chairs:

Debi Knudson, BS, RTR, 970.339.6419

Tracey Warner, AAS, RTR, 970.339.6420

### Surgical Technology Program Director:

Mark Urso, CST, 970.339.6539

### Academic Program Coordinator:

Jennifer Malinski, M.M., 970.339.6218

### Clinical Site Coordinator:

Marcia Jorgensen, 970.339.6311

### Lab Coordinator:

Lee Ann Hernandez, 970.339.6345

### Faculty:

Rose Chavez, LPN, 970.339.6604

Jaimee Collins, RN, MSN, 970.339.6451

Nan Cramer, RTR, 970.339.6334

Mary Anne Dudley, MSN, Doctoral

Candidate, RN, 970.339.6410

Sheila Feller, BA, RTR, 970.339.6324

Erika Greenberg, BSN, Master's

Candidate, RN, 970.339.6647

Maria Korb, PhD, RN, 970.339.6344

Amy Szczepanski, BSN,  
RN, 970.339.6568

Terri Wagner, AAS, RTR, 970.339.6341

### Advisors:

Kellie Richardson, 970.339.6570

### DEGREES/CERTIFICATES OFFERED:

Associate Degree Nursing (A.A.S. Degree)

Mammography (Certificate)

Nurse Aide (Certificate)

Practical Nursing Option (Certificate)

Radiologic Technology (A.A.S. Degree)

Surgical Technology (A.A.S. Degree)

### EMERGENCY MEDICAL SERVICES

Aims Community College Emergency Medical Services program offers Allied Health students a variety of career building courses. Our courses will compliment your education and assist you in obtaining work in more specialized areas. Many students use the Emergency Medical Technician Program as a stepping stone into nursing, pre-med, physician assistant, athletic training, cardiac rehab and more. We also offer Intravenous Therapy, EKG training, advanced Cardiac Life Support, CPR training and more. See the Emergency Medical Services pages in the catalog for a complete listing of degrees and



certificates or for more information, contact, Kristie Schaefer, 970.339.6582. Patricia Rand, 970.339.6687

## SURGICAL TECHNOLOGY

### Advisor (Director):

Mark Urso, CST, 970.339.6539

**Program Length:** An Associate of Applied Science Degree in Surgical Technology can be completed in two years. Students requiring developmental coursework to meet assessment requirements will take more than the usual two years to complete the full degree.

**Program Description:** Intended for the individual desiring to work in an operating room setting requiring multi-tasking abilities. Skills obtained in this degree can be applied to the same-day surgical area, some clinic settings including freestanding surgical centers, and the hospital operating theater. Assisting in the operating room will be possible at an entry level with completion of the Surgical Technology degree.

**Potential Opportunities:** Multi-tasking abilities are highly sought after in the operating room setting today. Local opportunities can be found all over Northern Colorado as well as across the United States. Preparation as a Surgical Technologist also provides experience and gainful employment for those choosing to further their education in Surgical First Assisting, Nursing, Medicine, Physician's Assistant or other health-care professions. Certified graduates are eligible to advance in their profession through programs to

become certified as a Surgical Technologist. Those choosing to go for their Baccalaureate degree in Health Care Management or Health Care Communication will find that the A.A.S. in Surgical Technology will provide many of the requirements for transfer into the Bachelor of Applied Science Degree at the University of Northern Colorado or the Bachelor's in Health Care Management through on-line coursework with Franklin University.

**Registration Requirements:** All students taking this program must provide proof of their high school diploma or GED and have completed the prerequisite requirements prior to formal acceptance into the program. All students must be assessed prior to acceptance into this program and achieve a reading score of 80, English/Sentence Skills of 95 and Elementary Algebra score of 85 or take the appropriate developmental coursework before being officially accepted into this program. Some course work is restricted to department majors and must have the program advisor's signature on the course registration before registering.

**Other Requirements:** Prior to entering the clinical operating room settings, students must hold a current CPR card, have completed the HBV vaccination series, have a current MMR, a current Tetanus immunization and a current TB test. The HBV series involves three immunizations, initial, one at 30 days and one at 3-6 months and a background check is also required.

**Additional Student Resources:** Since professional affiliations are a mark of the best medical workers, all students are encouraged to become active members of The Association of Surgical Technologists Student Organization.

**SURGICAL TECHNOLOGY**

(Associate of Applied Science Degree)  
(AAS ST02)

**Faculty and Advisor (Director):**  
Mark Urso, 970.339.6539

**PREREQUISITES:**

Current CPR card prior to clinical entry, criminal background check with no disqualifying offenses, fingerprint check, and urinalysis.

BIO 105 Science of Biology . . . . . 4  
MAT 106 Survey of Algebra . . . . . 4

**GENERAL EDUCATION:**

ENG 121 English Composition I . . . . . 3  
BIO 204 Microbiology . . . . . 4  
BIO 201 Human Anatomy & Physiology I . . . . . 4  
BIO 202 Anatomy & Physiology II . . . . . 4  
PSY 235 Human Growth/Development . . 3  
HPR 178 Seminar: Medical Terminology . . 3  
SPA 115 Spanish for the Professional . . . . 3  
**Total General Education Credits:** . . . . . 24

STE 100 Surgical Technology Theory . . . . 6  
STE 101 Surgical Technology Skills Lab . . 4  
STE 105 Pharmacology for Surgical Technology . . . . . 2  
STE 110 Surgical Procedures I . . . . . 3  
STE 115 Surgical Procedures II . . . . . 3  
STE 120 Surgical Procedures III . . . . . 3  
STE 181 Clinical Internship I . . . . . 4  
STE 182 Clinical Internship II . . . . . 4  
STE 183 Clinical Internship III . . . . . 6  
STE 275 Special Topics: Certification Exam Preparation . . . . . 2  
**Total Credits for A.A.S. Degree:** . . . . . 61

**SURGICAL TECHNOLOGY ADVISORY COMMITTEE**

Sheila Adamson, RN  
O.R. Manager  
Surgery Center of Northern Colorado  
Sarah Bean, CST  
Northern Colorado Medical Center  
Chrystal Carman, CST  
Former student representative  
Estes Park Medical Center  
Dr. Tad Gilmore  
General Surgeon (Retired)  
Tammy Grant  
Coordinator  
Weld County Workforce Development  
Mario Mena-Mendez, CST  
Surgical Technologist  
Northern Colorado Medical Center

Christine Nation  
Student Coordinator  
Banner Health  
Brenda Rask, Associate Dean  
Career & Technical Education  
Aims Community College  
Dr. Kelly R. Sanderford, M.D.  
Orthopedic Surgeon  
Mountain Vista Orthopedics  
Linnea Sidi, RN, MSN  
Clinical Certification Coordinator  
Cheyenne Regional Medical Center  
Donna Souther  
Executive Dean and  
Chief Academic Officer  
Aims Community College  
Mark Urso, CST  
Surgical Technology Program Director  
Aims Community College  
Charlene Wright  
Clinical Nurse Educator OR  
Banner Health



## Allied Health & Human Services, cont.

### NURSE AIDE

(CERT NAO0)

#### Coordinator:

Shirley Casady, BSN, RN, 970.339.6281

#### Faculty:

Rose Chavez, LPN, 970.339.6604

**Program Description:** Intended for the individual desiring to be a nurse aide focusing on care for the adult or disabled patient/client/resident living at home or in a health care facility. Methods of learning include classroom activities, skills practice and simulations, and clinical practice giving actual patient care. The program meets all relevant federal and state requirements. A criminal background check and drug screen will be required. Upon successful completion, the program graduate is qualified to apply to take the State of Colorado Nurse Aide Certificate examination. (Cost of examination not covered in tuition.) This program content and passing the nurse aide certification will satisfy the requirement for application to the Aims and UNC nursing programs.

**Program Length:** 110 clock hours usually scheduled over 4 weeks.

**Potential Opportunities:** Plentiful employment opportunities exist for the state-certified nursing assistant in long term care, home health care, and residential care. Local opportunities also exist for employment in hospitals. Also useful for persons wanting wage-earning ability while preparing for nursing or medical careers. Employment opportunities require a current State of Colorado Nurse Aide Certification.

**Registration Requirements:** All students taking this program must attend an orientation and have an advisor's signature on the course registration before registering.

#### CERTIFICATE PROGRAM:

NUA 101 Nurse Aide Health Care Skills . . . . 4

NUA 170 Nurse Aide Clinical

Experience . . . . . 1

Total Credits for Certificate . . . . . 5

### ASSOCIATE DEGREE NURSE - PRACTICAL NURSE EXIT OPTION

(Associate of Applied Science Degree)

(AAS NU00)

(Certificate) (CERT PN01)

#### Advisors and Faculty:

Nina Kirk, RN, MS, 970.339.6622

Associate Dean and

Director of Nursing

Education Programs

Jaimee Collins, RN, MSN, 970.339.6451

Mary Anne Dudley, MSN, Doctoral

Candidate, RN, 970.339.6410

Erika Greenberg, BSN, Master's

Candidate, RN, 970.339.6647

Maria Korb, PhD, RN, 970.339.6344

Amy Szczepanski, BSN, RN,

970.339.6568

**Program Description:** The Associate Degree Nursing (ADN) program teaches students the skills of direct patient care that can be applied in any healthcare setting. The program offers theoretical and applied instruction in classrooms, simulated laboratories, and clinical settings. After successfully completing all degree requirements, students will receive an Associate in Applied Science (AAS) degree with a nursing major. Graduates of the program are eligible to apply to take the National Council Licensing Examination for Registered Nursing (NCLEX-RN). Successful performance on the NCLEX-RN awards state licensure and qualifies graduates for the title of Registered Nurse (RN). The program allows a practical nursing exit point (certificate). After successfully completing the first two semesters of the program and taking an additional transition course during the summer, students are eligible to write the National Council Licensing Examination for Practical Nursing (NCLEX-PN).

Interested applicants for the program must attend an informational orientation. The orientation is held on the 2nd Tuesday of the month at 12 and 5:30 PM. Please call the Allied Health Advising Office at 970-339-6251 for additional information. Licensed Practical Nurses (LPN's) interested in entering the 2nd year of the program to complete the ADN need to contact the Allied Health Advising Office at 970-339-6251 to begin the application process. Potential applicants who graduated more than 10 years ago from a PN program must follow the current regulations of the Colorado Articulation Model related to testing, experience and licensure prior to entering the ADN program. Applicants must hold a current CNA certificate or LPN license, current Healthcare Provider CPR, and the following immunizations or titres: Tb/PPD, MMR, HBV, Varicella (chicken pox), and Tetanus, prior to starting the program. Other immunizations or proof of immunity may be required by specific clinical placement sites. Evidence of FBI fingerprinting, background check and drug screen without disqualifying offenses is required prior to entry into the program. A drug screen and HHS/OIG re-screening is required annually. Additional drug screens and/or background checks may be completed randomly at the clinical site.

#### GENERAL EDUCATION PREREQUISITES

BIO 105 Science of Biology . . . . . 4

BIO 201 Human Anatomy &

Physiology I . . . . . 4

BIO 202 Human Anatomy &

Physiology II . . . . . 4

BIO 216 Pathophysiology . . . . . 4

ENG 121 English Composition . . . . . 3

PSY 235 Human Growth &

Development . . . . . 3

#### GENERAL EDUCATION COURSES

MAT 103 Math for Clinical Calculations . . 3

HPR 108 Dietary Nutrition . . . . . 1

Humanities or Social Science course from

the Colorado Guaranteed General Education

Courses . . . . . 3

Total Credits for

General Education ADN . . . . . 29

#### CORE COURSES

##### 1st SEMESTER:

NUR 109 Fundamentals of Nursing . . . . . 8

NUR 112 Basic Pharmacology . . . . . 2

##### 2nd SEMESTER:

NUR 106 Medical and Surgical

Nursing Concepts . . . . . 9

NUR 150 Nursing Care of the Complex

Obstetric & Pediatric Client . . . . 7

##### SUMMER SESSION

(PN option or LPN's Entering ADN program):

NUR 169 Transition into Practical Nursing

(PN Option only) . . . . . 5

NUR 189 Transition from LPN to ADN (for

those entering 2nd year only) . . . 4

##### 3rd SEMESTER

NUR 206 Advanced Concepts of Medical-

Surgical Nursing I . . . . . 8

NUR 211 Nursing Care of Psychiatric

Clients . . . . . 4

NUR 212 Pharmacology II . . . . . 2

##### 4th SEMESTER

NUR 216 Advanced Concepts of Medical-

Surgical Nursing II . . . . . 6

NUR 230 Leadership Management

Trends . . . . . 5

Total core courses for PN . . . . . 31

Total core courses for ADN . . . . . 51

Total Credits for PN certificate . . . . . 57

Total Credits for ADN Degree . . . . . 80

#### NURSING PROGRAMS

##### ADVISORY COMMITTEE

Ruth Burns

Education Coordinator

Life Care Center of Greeley

Shirley Casady

Nurse Aide Coordinator, Faculty

Aims Community College

Jaimee Collins, RN, MSN

Faculty

Aims Community College

Crystal Day, RN, CEO

Rehabilitation and Visiting

Nurse Association

Mary Anne Dudley, RN, MSN  
(Doctoral Candidate)  
Faculty  
Aims Community College

Cindy Duval, RN  
Aims Graduate  
Poudre Valley Hospital

Katrina Einhellig RN, MSN  
Assistant Professor  
RN-BSN Program Coordinator  
University of Northern Colorado

Erika Greenberg, RN, BSN  
(Masters Candidate)  
Faculty  
Aims Community College

Lisa Harrison  
Dean of Students  
Banner Health Systems

Sally Henry, RN, MSN  
Centennial Health Education Center

Carl Janz, RN  
Aims Graduate  
Staff Nurse  
Poudre Valley Hospital

Marcia Jorgensen  
Clinical Site Coordinator  
Aims Community College

Nina Kirk, RN, MS  
Associate Dean &  
Director of Nursing Programs  
Aims Community College

Maria Korb, PhD, RN  
Faculty  
Aims Community College

Kimberly Little  
Student Representative

Jennifer Malinski  
Academic Program Coordinator  
Aims Community College

Teresa Masters, RN  
Chris Nation, RN, BSN  
Student Placement Coordinator  
North Colorado Medical Center

Barb Oschner, RN, DON  
Medical Center of the Rockies

Brenda Rask, Associate Dean,  
Career and Technical Education  
Aims Community College

Kellie Richardson, Advisor  
Aims Community College

Charles Riesselmann, RN  
Aims Graduate  
Weld County Jail

Robin Sheridan, RN, DON  
Centennial Nursing Home

Donna Souther, MA, JD  
Executive Dean and  
Chief Academic Officer  
Aims Community College

Amy Szczepanski, RN, BSN  
Faculty  
Aims Community College

Maria Trujillo, RN  
Nurse Educator  
Fairacres Manor

Carolyn (Corky) Whitmer, RN  
Staff Development Coordinator,  
Restorative Care Director  
Fairacres Manor

**PRENURSING STATEWIDE  
ARTICULATION  
AGREEMENT**

(Associate of Arts Degree)  
(Under Development)

**Advisors:**  
Dr. Leba Sarkis, 970.339.6367  
This curriculum is designed to provide the student with the general education, statistics and basic science requirements that will transfer into a university program leading to the Bachelor of Science in Nursing Degree (BSN). Since program or transfer goals/requirements may differ, the student should work closely with the prenursing advisor for help in choosing courses.

**Recommended degree requirements for Pre-Nursing Statewide Agreement:**

**COMMUNICATION:** . . . . . 6  
See A.A. degree requirements.

**ARTS & HUMANITIES:** . . . . . 9  
See A.A. degree requirements.

**BEHAVIORAL & SOCIAL SCIENCES:** . . . . . 9  
ANT 101 Cultural Anthropology . . . . . 3  
See A.A. degree requirements for remaining two courses.

**MATHEMATICS:** . . . . . 3-4  
MAT 121 College Algebra . . . . . 4  
OR  
MAT 135 Intro to Statistics . . . . . 3

**PHYSICAL & LIFE SCIENCES:** . . . . . 10  
CHE 101 Intro to Chemistry I . . . . . 5  
CHE 102 Intro to Chemistry II . . . . . 5

**ORAL COMMUNICATION  
OR TECHNOLOGY:** . . . . . 3  
See A.A. degree requirements.

**ELECTIVES:** . . . . . 18-20  
**Required:**  
BIO 105 Science of Biology . . . . . 4  
BIO 111 General College Biology I . . . . . 5  
BIO 201 Human Anatomy &  
Physiology I . . . . . 4  
BIO 202 Human Anatomy &  
Physiology II . . . . . 4  
BIO 204 Microbiology . . . . . 4  
PSY 235 Human Growth and  
Development . . . . . 3  
(See your advisor for additional transferable courses.)  
**Total Credits for A.A. Degree:** . . . . . 60

**RADIOLOGIC TECHNOLOGY**  
(Associate of Applied Science Degree)  
(AAS RT00)

**Location:**  
Allied Health Building, Room 203  
970.339.6233  
**Program Co-Chairs:**  
Debi Knudson, BS, RTR, 970.339.6419  
Tracey Warner, AAS, RTR, 970.339.6420

**Advisors:**  
Health Occupations advising core

**Faculty:**  
Nan Cramer, 970.339.6334  
Sheila Feller, 970.339.6324  
Debi Knudson, 970.339.6419  
Terri Wagner, 970.339.6341  
Tracey Warner, 970.339.6420

**DEGREES/CERTIFICATES OFFERED:**

**Radiologic Technology**  
(two-year A.A.S. Degree)  
**Mammography Technologist** (Certificate)

**Program Length:** Requires minimum of five semesters PLUS 17 credits of General Education for Associate of Applied Science degree.

**Entrance Requirements:** This program starts ONLY in fall semester. Admission is highly competitive and attendance at orientation is mandatory. Completion of a three-phase admission process is required before the student is officially admitted to the program. Criminal Background check with no disqualifying offenses, fingerprint check, urinalysis. Students are admitted on a first-come-first served basis, once prerequisites and acceptable admission rating are achieved. Contact Health Occupations advising core at 970.339.6251 for additional information.

**Registration Requirement:** RTE majors in the program must have radiography advisor's signature on all registration forms each semester.

**Potential Opportunities:** The radiographer as part of the health care team is dedicated to the conservation of life and health and the discovery of existing disease.

This program is designed to train individuals in the art and science of Radiologic Technology.

Students successfully completing the program are eligible to take the American Registry of Radiologic Technologists competency examination that upon successful completion will allow the graduate to hold the status of Registered Technologist (R.T.).

**NOTE:** This program includes changes which are subject to approval by the Colorado Community College System. Courses listed are subject to change. Students can verify the course offerings from the program chair.

## MAMMOGRAPHY

(Certificate)

(CERT MT00)

Advisor:

Debi Knudson, BS, RTR, 970.339.6419

**Program Length:** Approximately One Semester.

**Program Description & Potential Opportunities:** The program is restricted to Registered Technologists or registry eligible Radiology Technologists seeking certification in mammography. Opportunities are in hospitals, clinics and doctors offices.

**Prerequisites:** Registered technologists and registry eligible technologists.

### SPECIFIC COURSES

RTE 250 Mammography . . . . . 3

RTE 291 Mammography Clinical . . . . . 3

**Total Specific Course Credits:** . . . . . 6

### RADIOLOGIC TECHNOLOGY

#### ADVISORY COMMITTEE

Valerie Bowman

Staff Technologist,  
Radiology/Ultrasound  
Skyline Medical Center

Dan Dennie

Radiology Director  
North Colorado Medical Center

Liz Fegley

Radiology Director  
Poudre Valley Hospital

Cherlene Goodale

Radiology Director  
McKee Medical Center

Lois Heater

Supervisor  
Longmont United Hospital

Dr. Mark Howshar

Radiologist / Poudre Valley Hospital  
Advanced Medical Imaging Consultants

Holly Knaub

Radiology Supervisor  
Medical Center of the Rockies

Scott Mattes

Radiology Manager  
North Colorado Medical Center

Debbie Mayer

Radiology Supervisor  
McKee Medical Center

Melody Pierson

Radiology Supervisor  
Poudre Valley Hospital

Jack Retzlaff

Radiology Director  
Medical Center of the Rockies

Sherri Vasko-Steinback

Radiology Director  
Longmont United Hospital

Brian Zink

Team Lead, Radiology  
Poudre Valley Hospital



### DEGREE PROGRAM

**Radiologic Technology General Education Courses:** A minimum of 17 semester credit hours of General Education Courses are required.

#### PREREQUISITES

High school Biology  
High school Algebra  
Computer Literacy  
Require CPT scores

RTE 101 Intro to Radiologic Technology. . . 2

HPR 102 CPR for Healthcare Provider. . . 0.5

HPR 178 Seminar: Medical Terminology . . . . . 1-3

**Total Prerequisite Credits:** . . . . . 5.5

#### GENERAL EDUCATION

BIO 106 Basic Anatomy & Physiology . . . 4

COM 125 Interpersonal Communication . . 3

ENG 121 English Composition I . . . . . 3

MAT 107 Career Math . . . . . 3

PSY 101 General Psychology I. . . . . 3

**Total General Education Credits:** . . . . . 17

#### SPECIFIC COURSES

**Fall 1st Year**

RTE 111 Radiographic Patient Care. . . . . 2

RTE 121 Radiologic Procedures I. . . . . 3

RTE 141 Radiographic Equipment/  
Imaging I . . . . . 3

RTE 181 Radiographic Internship I. . . . . 5

**Total credits** . . . . . 13

**Spring 1st Year**

RTE 122 Radiologic Procedures II . . . . . 3

RTE 142 Radiographic Equipment/  
Imaging II. . . . . 3

RTE 182 Radiographic Internship II . . . . . 5

RTE 231 Radiation Biology/Protection . . . 2

**Total credits** . . . . . 13

**Summer 1st Year**

RTE 183 Radiographic Internship III. . . . . 7

**Total credits** . . . . . 7

**Fall 2nd Year**

RTE 131 Radiographic Pathology &  
Image Evaluation I . . . . . 1.5

RTE 221 Advanced Medical Imaging. . . . . 3

RTE 281 Radiographic Internship IV. . . . . 8

**Total credits** . . . . . 12.5

**Spring 2nd Year**

RTE 132 Radiographic Pathology &  
Image Evaluation II. . . . . 1.5

RTE 282 Radiographic Internship V . . . . . 8

RTE 289 Capstone. . . . . 3

**Total Credits** . . . . . 12.5

**Total Specific to Radiology Program:** . . . . . 58

**Total Credits for A.A.S. Degree:** . . . . . 75