

# Robeson Community College

## Radiography Program

### Essential Skills Needed for Completing Health Science Programs

The following guidelines are utilized in admitting qualified Radiography students:

The activities identified below are examples of physical and emotional activities, which a student in the Allied Health Program must be able to perform for the successful completion of the program. If an applicant believes that he or she cannot meet one or more of the standards without accommodation or modification, the applicant should consult Counseling and Career Services.

- **Critical thinking:** Allied Health students shall possess critical thinking ability sufficient for clinical judgment.  
Example: Students must be able to identify cause-effect relationships in clinical situations, develop or participate in development of nursing care plans.
- **Ethical behavior:** Allied Health students will provide services with respect for human dignity and uniqueness of the client unrestricted by consideration of social or economic status, personal attribute, or the nature of health problems.  
Example: Students will care for clients assigned regardless of race, religion, or diagnosis.
- **Legal behavior:** Allied Health students will provide care within the scope of practice as stated in the NC Nursing Practice Act or guidelines for respiratory therapy, radiography and surgical technology.  
Example: Students in the nursing program will learn to assess the patient's physical and mental health.
- **Interpersonal skills:** Allied Health students shall possess interpersonal abilities sufficient to interact with individuals, families, groups, etc. from a variety of psychosocial cultural backgrounds.  
Example: Students shall establish rapport with clients and health care team members.
- **Communication skills:** Allied Health students shall possess communication abilities sufficient for verbal and nonverbal interaction with others. The student must be able to speak English fluently.  
Example: Students shall be able to explain treatment procedures to clients/family, document client responses, and report to others responses to nursing care.
- **Mobility:** Allied Health students shall possess physical abilities sufficient to move from room to room and maneuver in small spaces, stand and walk for extensive periods of time.  
Example: Students will be able to move around in client's room, move from room to room, move in small work areas, and administer CPR.
- **Motor skills:** Allied Health students shall possess gross and fine motor skills sufficient to provide safe and effective nursing care.  
Example: Students shall be able to calibrate equipment, position clients, administer injections, and insert catheters.
- **Hearing skills:** Allied Health students shall possess auditory ability sufficient to monitor health needs and collect data.  
Example: Students shall be able to hear alarms, listen to heart and breath sounds, and hear a cry for help.
- **Visual skills:** Allied Health students shall possess visual ability sufficient for observation and data collection.  
Example: Students shall be able to observe color of skin and read scale on a syringe.
- **Tactile skills:** Allied Health students shall possess tactile ability sufficient for data collection.  
Example: Students shall be able to detect pulsation and feel skin temperature.
- **Weight-bearing:** Allied Health students shall possess the ability to lift and manipulate/move 40-50 pounds.  
Example: Students shall be able to move equipment, position patients.