



# Bridges Career Academy

## Health Science Careers

### *Little Falls High School*

The Health Science Careers Academy offers an introduction to the many varied careers in the health field today. Students will develop an understanding of the human body, body systems, and functions. Students will explore long and short career options, develop and understanding of the terminology used by medical professionals, develop and understand medical environments from clinics to long-term health facilities. When completing the Academy, students will have basic skills to determine what aspect of the health industry they are interested in and will be able to transfer their college credits to continue their education at a post-secondary institution. The students will also complete the needed competencies and skills from the Minnesota Department of Health to earn a nursing assistant certificate.

## Academic Courses

- Anatomy & Physiology/College Human Biology
- Chemistry/ College Chemistry
- Nursing Assistance Training & Health Care Career Science

## Career Experiences

- Listen to & interact with industry guest speakers
- Job shadow professionals
- Attend the Bridges Career Exploration Day or other regional career fairs

## Completion Standards

COMPLETE

**ALL courses**

GRADES **B** ↑

Earn a **certificate** and **green cord** at graduation



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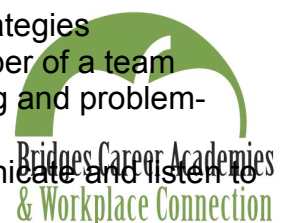
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6/2019

## Job Skills

In addition to having technical skills, employers expect workers in this industry to have these skills:

- Basic research strategies
- Be an active member of a team  
Use critical-thinking and problem-solving skills
- Effectively communicate and listen to clients' needs



[www.BridgesConnection.org/PequotLakes](http://www.BridgesConnection.org/PequotLakes)

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## ACADEMY COURSES

**Anatomy and Physiology/ College Human Biology** — 1 High School Credit and/or 3 College Credits

This course is an overview of all body systems, disease processes and body functions. In addition, discussion and dissections focus on a variety of other medical areas such as psychology, diagnosis, pharmacology, and parasitology. (2 semesters)

**Chemistry/College Chemistry** — 1 High School and/or 3 College Credits

This course is an in-depth study of chemical reactions, balancing equations and chemical reaction problems. General laws of chemistry, periodicity, atomic and molecular structures, physical and chemical changes are included. Students will develop an understanding of correlating chemical principles with practical applications using lab techniques. Basic chemistry knowledge and good math skills will be essential to success in this class. (2 semesters)

**Nursing Assistant Training/Health Care Career Science** — 2 High School Credits

This course introduces concepts of basic human needs, care of clients, and basic nursing skills. The program meets the mandatory State of Minnesota requirements for nursing assistant training and is an approved training site. Upon satisfactory completion of the program, the student may apply for the Nursing Assistant Registry Examination.

## COMPLETION STANDARD

Students wishing to receive a certification for this Academy must complete all courses while maintaining a grade of “B” or higher in each of the courses. In addition, students must complete both semesters of Anatomy and Physiology/Human Biology & Chemistry/College Chemistry courses.

## CAREER EXPERIENCES

Students will listen to guest speakers such as speech therapists, physical and occupational therapists and social workers. In addition, job shadows in personal areas of interest are part of the workplace experiences.

## JOB SKILLS

In addition to having technical skills, employers expect their workers to have other skills such as:

- Basic research strategies
- Be an active member of a team
- Use critical thinking and problem-solving skills
- Effectively communicate and listen to clients’ needs

**CAREER OPTIONS:** [www.careerwise.minnstate.edu/careers](http://www.careerwise.minnstate.edu/careers)

**JOB OUTLOOK:** [www.careerwise.minnstate.edu/jobs](http://www.careerwise.minnstate.edu/jobs)

**POSTSECONDARY PROGRAMS:** [www.careerwise.minnstate.edu/education](http://www.careerwise.minnstate.edu/education)

