



# Health Sciences Level II Syllabus

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## Course Description:

This is the second year in a two year course that provides students the opportunity to job shadow in related health fields. If students wish to receive their Licensed Nursing Assistant (LNA) certification, they will have the opportunity to enroll in the evening and weekend LNA program (this is currently on pause due to COVID restrictions). CPR and First Aid Recertification will be obtained. Throughout the school year students will be completing their Digital Assessment Tool (DAT) to present to a panel of professionals at the end of the school year.

## Classroom Expectations and Goals:

Students and the Instructor will collaborate in the first few days of school to create a detailed set of guidelines to follow for the Health Science Classroom. This information will be made available to parents and guardians as well. Basic expectations are:

- Follow the HACTC Mission Statement: Respect. Engage. Learn. Work. Serve. Grow.
- Students and Staff will maintain a Respectful and Professional Environment.
- Students and Staff will maintain safety in classroom and lab spaces.
- Students and Staff will communicate in a clear and timely manner in the case of absence.

**Embedded Credit:** Science

## Assignment Policy:

Grades are determined by dividing the points earned by the total number of points available in the grading period. Assignments are to be handed in on time. If late, 10 points off per day (down to a 50). If students don't hand in an assignment, they will receive a grade of zero.

## Industry Recognized Credentials:

- Basic Life Support (BLS) for Health Care Providers: CPR & AED
- First Aid
- Bloodborne Pathogens
- FEMA and Emergency Management Institute courses
- Conover Workplace Readiness
- WorkKeys National Career Readiness Certification (NCRC)

## Common Standards Assessed in Every Program:

**Communication:** ESS02.01 Select and employ appropriate reading and communication strategies to learn and use technical concepts and vocabulary in practice.

**Leadership and Teamwork:** ESS07.03 Employ teamwork skills to achieve collective goals and use team members' talents effectively.

**Technical Skill:** ESS10.01 Employ information management techniques and strategies in the workplace to assist in decision-making.

**Problem Solving/Critical Thinking:** ESS03.01 Employ critical thinking skills independently and in teams to solve problems and make decisions (e.g., analyze, synthesize and evaluate).

## Units of Study:

- Community service
- Vital Signs
- Time management and goal setting
- Conversions
- Basic human anatomy and physiology
- Stages of Development
- Nutritional Needs
- Emergency Care & Preparation
- Workplace safety
- Psychology
- Career exploration with job shadowing
- Medical Math
- Poverty Unit in Health Care
- Portfolio development
- Communication & Cultural Diversity
- Legal & Ethical Issues in Healthcare

## Articulation Agreements:

- Northern Vermont University - Johnson
- Keene State College

## Grading Categories and Weights:

All assignments fall into one of the categories below.

Communication	25%
Leadership & Teamwork	25%
Problem Solving & Critical Thinking	40%
Technical Skills	10%
Total	100%

## Concurrent Enrollments Offered:

- Introduction to Psychology, River Valley Community College, 3 credits

## Standards Unique to Health Sciences:

- Demonstrates Understanding of Health Careers Encompassing the Educational Requirements, Job Descriptions, Career Ladder Options, and Employment Opportunities  
(VT Standards: 1.18, 1.19, 3.15, 3.16, 7.5)
- Demonstrates the Communication Skills Necessary for Good Interpersonal Relationships, Including Use of Computers  
(VT Standards: 1.13, 1.14, 1.15, 1.18, 1.19, 1.20, 2.2, 2.3)
- Lists, Define, and Uses the Medical Terms and Abbreviations Commonly Used in the Health Field  
(VT Standards: 1.17, 5.19, 5.21, 7.14)
- Demonstrates WorkPlace Safety Skills  
(VT Standards: 7.14, 7.18)
- Demonstrates Knowledge of Basic Human Anatomy and Physiology, Body Systems, Organs, and Functions  
(VT Standards: 7.14, 7.18)