

NEW YORK STATE EDUCATION DEPARTMENT
MIDDLE LEVEL CAREER AND TECHNICAL EDUCATION

HEALTH SCIENCES

HEALTH SCIENCE CAREER PATHWAYS

Z & K Z D d d 2023

5. SUPPORT SERVICES PATHWAY

STUDENTS WILL:

- a) Distinguish the support services pathway as careers that provide a therapeutic environment for healthcare delivery, offering a full range of opportunities from entry level to management, including technical and professional careers
- b) Examine the professional standards that apply to support services professionals
- c) Identify the education and preparation required for levels of credentials and accreditation in support services careers
- d) List and describe the health care settings and roles within those settings for support services professionals
- e) Assess personal interest and aptitude for skills needed by support services professionals through practice of these skills in a variety of classroom simulations

6. THERAPUTIC SERVICES PATHWAY

STUDENTS WILL:

- a) Distinguish the therapeutic services pathway as occupations focused on changing the health status of a patient over time through working directly with the patients; providing care, treatment, counseling, and health education information
- b) Examine the professional standards that apply to therapeutic services professionals
- c) Identify the education and preparation required for levels of credentials and accreditation in therapeutic services careers
- d) List and describe the health care settings and roles within those settings for therapeutic services professionals
- e) Assess personal interest and aptitude for skills needed by therapeutic services professionals through practice of these skills in a variety of classroom simulations

7. BIOTECHNOLOGY RESEARCH AND DEVELOPMENT PATHWAY

STUDENTS WILL:

- a) Distinguish the biotechnology research and development pathway as careers involved in bioscience research and development as it applies to human health; the study of diseases and disorders to discover new treatments or invent medical devices used to directly assist patients to improve the accuracy of diagnostic tests
- b) Examine the professional standards that apply to biotechnology research and development professionals
- c) Identify the education and preparation required for levels of credentials and accreditation in biotechnology research and development careers
- d) List and describe the health care settings, and roles within those settings, for biotechnology research and development professionals

8. CAREERS IN HEALTH SCIENCE PATHWAYS

STUDENTS WILL:

- a) Investigate a specific career in health science and identify the education and training pathways used to reach that career
- b) Explore local, regional, state, and national employment outlooks f

10. Plan education and career paths aligned to personal goals
11. Use technology to enhance productivity
12. Work productively in teams while using digital global competence

NATIONAL HEALTH SCIENCE STANDARDS

Foundation Standard 2: Communications

Demonstrate methods of delivering and obtaining information, while communicating effectively

Foundation Standard: 4 Employability Skills

Utilize employability skills to enhance employment opportunities and job satisfaction

r ()-10 (t)l4 (me)9 (n)-4

NEW YORK STATE HEALTH SCIENCE EDUCATORS ASSOCIATION (NYSHSEA)

<http://www.nyshsea.org/home.html>

NYSHSEA serves as a resource group for educators seeking consultation concerning Health Science education and promotes communication among NYSHSEA members. NYSHSEA collaborates with other groups and individuals on matters affecting Health Science Education and supports NYSED activities.

CAREER AND TECHNICAL EDUCATION TECHNICAL ASSISTANCE CENTER NEW YORK