

NEW YORK STATE EDUCATION DEPARTMENT  
MIDDLE LEVEL CAREER AND TECHNICAL EDUCATION

HEALTH SCIENCES

CLIENT CARE

Z & K Z D dMAY 2023



### 3. BODY SYSTEMS AND CLIENT STATUS

#### STUDENTS WILL:

- a) List body systems and the components and functions of each
- b) Define “homeostasis” and describe the interdependence of body systems
- c) Practice using health science medical terminology to reference areas of the body
- d) List vital signs and body measurements and describe their importance in assessing client health
- e) Identify appropriate instruments to measure clients’ height, weight, temperature, pulse rate and rhythm, respiration, and blood pressure
- f) Model ways to explain a procedure to a client that will help the client feel comfortable
- g) Practice oral and written communication of vital signs and body measurements to clients and members of the client care team
- h) Describe how client status information is used by health science professionals in each of the health science career pathways

### 4. HEALTH SCIENCE PROFESSIONALS

#### STUDENTS WILL



## PROBLEM SOLVING AND INNOVATION

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### HEALTH SCIENCE CAREER TIMELINES

3. Attend to personal health and financial well-being
4. Communicate clearly and effectively and with reason
5. Consider environmental, social, and economic impacts of decisions
8. Utilize critical thinking to make sense of problems and persevere in solving them
9. Model integrity, ethical leadership, and effective management
10. Plan education and career paths aligned to personal goals
11. Use technology to enhance productivity
12. Work productively in teams while using cultural global competence



## ASSOCIATION OF CAREER AND TECHNICAL EDUCATION: CAREER PLANNING GUIDE

[https://www.acteonline.org/wpcontent/uploads/2018/02/ACTE\\_CC\\_Paper\\_FINAL.pdf](https://www.acteonline.org/wpcontent/uploads/2018/02/ACTE_CC_Paper_FINAL.pdf)

Research has identified middle school as a time when students can benefit the most from career exploration, a process of building self-awareness, learning about potential careers, and developing a plan for reaching future goals.

## ADVANCE CTE: MIDDLE LEVEL CAREER INTEREST INVENTORY

<https://cte.careertech.org/sites/default/files/StudentInterestSurveyEnglish.pdf>

AdvanceCTE provides a Career Interest Inventory worksheet to use with students in helping them identify the potential matches to the sixteen career clusters available to them.

## NEW YORK STATE HEALTH SCIENCE EDUCATORS ASSOCIATION (NYSHSEA)

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

NYSHSEA serves as a resource group for educators in 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 OF NEW YORK

<http://nyctecenter.org/>

The Career and Technical Education Technical Assistance Center (CTE TAC) operates under a state contract to assist the New York State Education Department (NYSED) in carrying out its mission of improving the quality, access, and delivery of career and technical education through research