



STEEL CENTER
FOR CAREER AND TECHNICAL EDUCATION

SYLLABUS

Health Assistant: 51.0899

2026-2027

Mrs. Kastronis

JKastronis@steelcentertech.com

412.469.3200 x2520

Program Description: The Health/Medical Assisting program provides the student with basic anatomy and physiology, knowledge of the body systems and related diseases, introduction to health professions, introduction to medical terminology, basic health care provider skills, and emergency care including BLS CPR certification. In addition, upon completion of the program, eligible students will take the Patient Care Technician Certification exam.

Instructional Goals:

1. The students will develop a passion for the health professions and identify their desired career pathway.
2. The students will attain knowledge and skills conducive to success in their continued education as well as on assessments, including the NOCTI and the Patient Care Technician examination.
3. The teacher will guide students as a facilitator of learning, helping them realize their fullest potential.

Primary Resources:

Textbook: Simmers, L. (2022). DHO Health Science- **Supplied by the school**

Uniform: White or navy-blue medical Scrubs, white or black supportive shoes, watch with a second hand, and a long sleeve white lab coat- **Purchased by the student**

Statement of Assessment and Evaluation Protocols:

Weekly tests or quizzes, other assessments can include research projects, homework, and presentations. The following grading scale will be used on all tests and quizzes as well as all homework assignments, presentations and projects.

Grading Scale

90-100	=A
80-89	= B
70-79	= C
60-69	= D
< 60	= E/F

Late Penalty: 10% of the total grade will be deducted for each school day assignment or project is late.

Academic Integrity: I value academic integrity very highly and do not permit any forms of dishonesty or deception that unfairly, improperly, or illegally enhance a grade on an individual assignment or a course grade. Any breach of academic integrity will result in a zero.

Schedule of major assignments:

The following should serve as a guide of the school year's activities, and is subject to change:

First 9 Weeks Classroom Topics:

- Safety/Student handbook- all students
- Professionalism- all students
- Legal and Ethical Issues- 1st year students
- Communication- 1st year students
- Infection Control – 1st year students
- Cardiovascular System- 1st year students
- Body Planes and Cavities- 2nd and 3rd year students
- Death and Dying- 2nd and 3rd year students
- Urinary system- 2nd and 3rd year students
- Research Project with oral presentation- all students

First 9 Weeks Lab Topics:

- Handwashing and Gloves- 1st year students
- Common Procedures/Privacy- 1st year students
- Bed making/soiled linens – 1st year students
- Temperature- 1st year students
- Pulse – 1st year students
- PPE- 2nd and 3rd year students
- Blood pressure- 2nd & 3rd year students
- Height and weight – 2nd year students
- Post Mortem Care- 2nd year students
- Specimens- 2nd year students
- Catheter Care- 3rd year students
- Dermal puncture- 3rd year students
- ROM exercises-3rd year students

Second 9 Weeks Classroom Topics:

Medical terms- all students
Muscular system- all students
Skeletal system- all students
Nutrition – 1st year students
Nervous System- 2nd year students
Human Growth and Development-2nd year students
Reproductive system- 2nd & 3rd year students
Patient position and transfers- 2nd and 3rd year students
Immune system- 2nd and 3rd year students
Research project with oral presentation- all students

Second 9 Weeks Lab Topics:

Respiration – 1st year students
Blood Pressure- 1st year students
Height & Weight- 1st year students
Dangling and gait belt- 1st year students
Pain/Comfort Measures- 1st year students
I&O/Meal percent consumption/feeding- 1st year students
Wound care- 2nd and 3rd year students
Hoyer Lift and patient transfers- 2nd and 3rd students
Walker, crutches and cane use – 2nd and 3rd students
Oxygen use/pulse oximeter, incentive spirometer- 2nd and 3rd students
Patient Care Technician skills- Seniors

Third 9 Weeks Classroom Topics:

Digestive System- 1st year students
Respiratory System- 1st year students
Endocrine system- 2nd and 3rd year students
Lymphatic system – 2nd and 3rd year students
Immune system- 2nd and 3rd year students
Patient Care Technician modules- Seniors

Third 9 Weeks Lab Topics:

Bathing, Peri-care, personal grooming dressing and undressing- 1st year students
Hand and foot care- 1st year students
Oral and Denture Care- 2nd year students
Therapeutic compression devices – 2nd year students
Visual acuity testing- 2nd year students
DRG and Medical Coding- 3rd year students
Insurance and EMR- 3rd year students

Fourth 9 Weeks Classroom Topics:

Integumentary system- 1st year students
Emergency Care and Disaster Preparedness- all students
CPR and First Aid Certification- all students
Patient Care Technician Responsibilities – Seniors
Patient Care Technician Modules- Seniors
Research Project with oral presentation- all students

Fourth 9 Weeks Lab Topics:

BLS CPR/AED training- all students
Medical Emergencies: 1st and 2nd year students
Patient Care Technician skills- Seniors

STEEL CENTER for CTE HEALTH ASSISTANTS

MRS. KASTRONIS SYLLABUS AND PROGRAM RULES

ACKNOWLEDGEMENT SHEET



FOR STUDENT:

With my signature, I acknowledge that I am fully aware of the rules, procedures, and expectations for my CTE program of study. I understand that my signature indicates awareness and not necessarily approval.

Student name: _____

Student signature: _____

Date: _____

FOR PARENT/GUARDIAN:

With my signature, I acknowledge that I am fully aware of the rules, procedures, and expectations for my son's or daughter's CTE program of study. I understand that my signature indicates awareness and not necessarily approval.

Parent/Guardian signature: _____

Parent/Guardian signature: _____

Date: _____

Note: This document shall be filed and maintained by program instructors. Unsigned or unreturned signature sheets are