

MR. INFELD

HEALTH SCIENCE

CAREER AND TECHNICAL
EDUCATION (CTE)



**Health
Science**

PRESENTATION OUTLINE

KEY POINTS

1. Program Overview
2. Course Sequence
3. Dual Enrollment Opportunities
4. Industry Valued Credential
5. CTSO - Career/Technical
Student Organization
6. Program Highlights

PROGRAM OVERVIEW

Classes in the Health Science C TE track are designed to prepare students for either a post-secondary 4-year, 2-year or trade program, emphasizing real world skills, practical knowledge, hands on training and mentoring.

Possible careers that are explored include: Physician and PAs, Medical Assistants, Surgical Technologists, Physical Therapy, Paramedics, Nursing, Emergency Medical Technicians, Speech Language Pathologists, Ophthalmologists, Audiometric Technician, Pharmacists, Athletic Trainers and more.

ORANGE HIGH SCHOOL

DYNAMICS: HEALTHCARE

HEALTH SCIENCE - COURSE 1

TODAYS HEALTH CARE SYSTEM AND
ECONOMICS

PROFESSIONAL QUALITIES, TEAMWORK
AND LEADERSHIP

ETHICAL ISSUES AND LEGAL ASPECTS

CONCEPTS OF HEALTH AND ILLNESS

CRITICAL THINKING

EXPLORATION OF HEALTHCARE CAREERS

ORANGE HIGH SCHOOL

FUNDAMENTALS OF HEALTH AND WELLNESS

HEALTH SCIENCE- COURSE 2

ACHIEVING WELLNESS

EATING AND EXERCISING TOWARDS A
HEALTHY LIFESTYLE

BUILDING HEALTHY RELATIONSHIPS

UNDERSTANDING AND PREVENTING
DISEASE

EXPLAINING DRUG USE AND ABUSE

MAKING HEALTHY CHOICES

OVERCOMING OBSTACLES

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EMERGENCY MEDICAL AND CLINICAL CARE

HEALTH SCIENCE- COURSE 2

INTRODUCTION, ACTION AND
ASSESSMENT

CPR, AED AND SHOCK

BLEEDING, WOUNDS AND BURNS

INJURIES

SUDDEN ILLNESS AND POISONS

EXPOSURE AND RESCUE

In Discussion with Rutgers University for Dual Enrollment

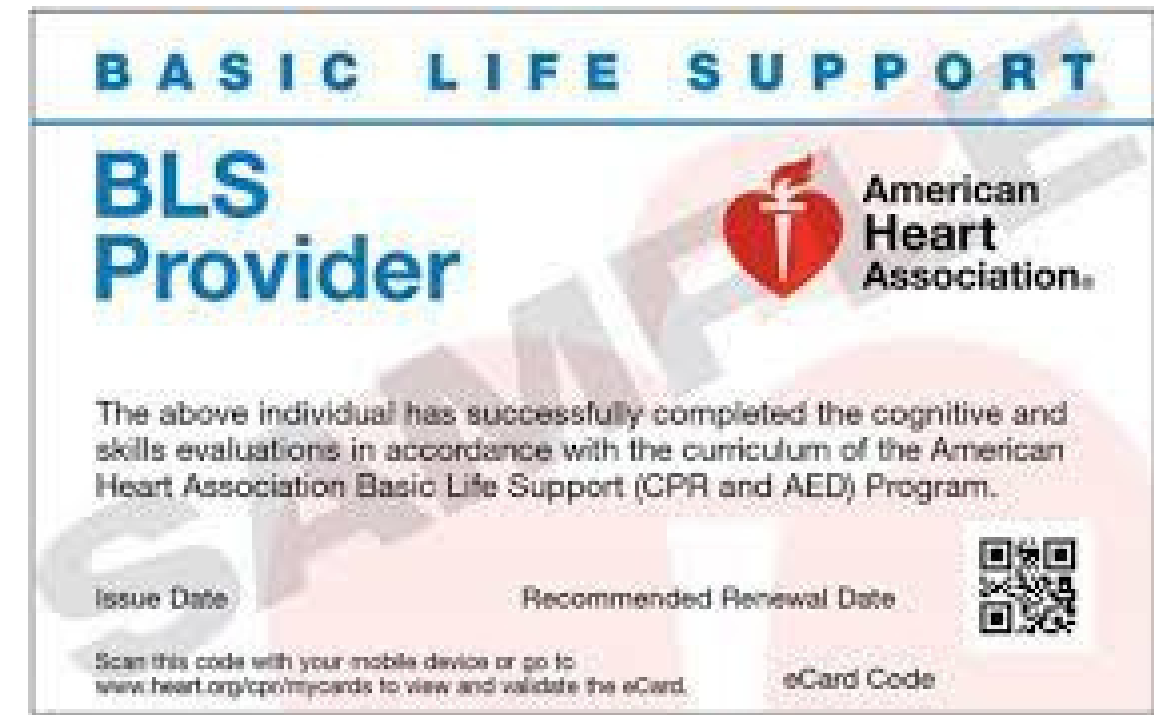
STUDENTS PICUTRED IN LECTUTRE



*STUDENT TAKING PATIENT
HEART WITH STETHOSCOPE*



CERTIFICATIONS: BASIC LIFE SUPPORT AND OSHA10



Students measuring heart rates with a stethoscope

HIGHLIGHTED STRUCTURED LEARNING EXPERIENCES

- WHITE HOUSE HEALTH CARE AND REHABILITATION CENTER
- ALARIS AT ST. MARY'S
- PATIENT INTERACTION
- ONLINE JOB SHADOW EVENTS WITH RUBIN AND GUEST SPEAKERS DUE TO COVID-19 RESTRICTIONS

*STUDENTS PICTURED
TAKING PATIENT
INFORMATION*

