| Career Cluster: Health Science | CTE Program: Emergency Medical Responder 8417170 |
|---|---|
| Career Cluster Pathway: Therapeutic Services Career Path | Industry Certification: IEMSR001 Emergency Medical Responder |

| | 16 CORE CURRICULUM CREDITS | | | | | 8 ADDITIONAL CREDITS | |
|---|---|---|---|---|---|---|---|
| | **ENGLISH** 4 credits | **MATH** 4 credits | **SCIENCE** 3 credits, 2 with lab | **SOCIAL STUDIES** 3 credits | **OTHER REQUIRED COURSES** FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit) | **CAREER AND TECHNICAL EDUCATION COURSES** | **RECOMMENDED ELECTIVES** (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS) |

**HIGH SCHOOL**

- Students are encouraged to use flchoices.org to explore careers and postsecondary options.
- Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.
- One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program

| | ENGLISH | MATH | SCIENCE | SOCIAL STUDIES | OTHER REQUIRED COURSES | CAREER AND TECHNICAL EDUCATION COURSES | RECOMMENDED ELECTIVES |
|---|---|---|---|---|---|---|---|
| 9th | English 1 or higher | Algebra 1 or higher | Earth Space Science or Agriscience Foundations | Elective: Intro to Information Tech (on-line) | Physical Education (1credit) (Not required for ACCEL Program) | Medical Skills and Services | |
| 10th | English 2 or higher | Geometry or higher | Biology | World History | Practical Arts or Fine Arts course (1 credit) | Health Science Anatomy and Physiology | |
| 11th | English 3 or higher | Algebra II or higher | Chemistry | American History | Elective | Health Science Foundations | Other elective course appropriate for student's career and education plan. |
| 12th | English 4 or higher | Pre-Calculus or Higher | Elective | American Gov't & Economics | Elective or Dual Enrollment | First Responder 3 | Other elective course appropriate for student's career and education plan. |

**POSTSECONDARY**

Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

| TECHNICAL CENTER PROGRAM(S) | COMMUNITY or STATE COLLEGE PROGRAM(S) | UNIVERSITY PROGRAM(S) |
|---|---|---|
| | **College of Central Florida**: Health Information Technology A.S Dental Assisting A.S./ Certificate Physical Therapy Assistant A.S. Nursing A.S. | B.S. Registered Nurse, B.S. Respiratory Therapy, B.S. Social Worker, B.S. Occupational Therapy, B.S. Pharmacology |

**CAREER**

Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)

| | | |
|---|---|---|
| Certified Nursing Assistant, Radiologic Technologist, Medical Lab Assistant, Basic Healthcare Worker, Medical Office Receptionist, Phlebotomist MA, EKG Aide MA, Medical Assistant | Radiologic Technician, Respiratory Therapist, Cardiovascular Invasive Specialist, Cardiac Sonographer, Vascular Technologist | Registered Nurse, Nurse Practitioner, Radiologist Assistant, Pharmacy Technician, Respiratory Therapist, Dental Hygienist, Paramedic |

| | Articulation and CTE Dual Enrollment Opportunities | | |
|---|---|---|---|
| **CREDIT** | **Secondary to Technical Center (PSAV)** | **Secondary to College Credit Certificate or Degree** (Minimum # of clock or credit hours awarded) | **PSAV/PSV to AAS or AS/BS/BAS** |
| | | **Secondary Courses/Certifications** | **College of Central Florida/Santa Fe College** |
| | | Digital Information Technology 8207310 | OST1000 Introduction to Word |
| | | 8417100 Health Science Anatomy and Physiology | PHT 2432 Medical Terminology for the Physical Therapy Assistant (3 credits) |
| | | 8417110 Health Science Foundations | DEP2004 Human Growth & Development (3 credits) |
| | | 84171171 Emergency Medical Responder 3 | HSC 2531 Medical Terminology (3 credits) |
| | | 2000350 Anatomy and Physiology | BSC 1080 Basic Anatomy & Physiology (3 credits) |
| | | OR | |
| | | 2000360 Anatomy and Physiology Honors | |
| | | OR | |
| | | The approved equivalent of Anatomy and Physiology | |

*Career and Technical Student Association:* **HOSA**

**HOSA**

*Internship/Work Experience Recommendations:*

**Local hospitals, medical practices, radiologic offices, dentists, therapy centers.**

Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements/index.stml