Career Cluster: *Health Sciences*	CTE Program: Secondary: *Biomedical Sciences (8708100)* Postsecondary: *State CIP Code*
Career Cluster Pathway: *Health Care Industry*	**Industry Certification:** Secondary: *Biotechnician Assistant (CERHB001)* Postsecondary:

	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
OCSD	**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 begin planning for careers and postsecondary options by exploring resources at** mycareershines.org • 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							
9th	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Principles of Biomedical Sciences	Elective/Foreign Language
10th	English II	Geometry	Biology	American History		Human Body Systems	Elective/Foreign Language
11th	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Medical Interventions	Elective/Foreign Language
12th	English IV	Statistics	Physics	Am Govt/ Economics		Biomedical Innovation	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 COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
Northwest Florida State College **College Credit Certificate** Emergency Medical Technician (CCC) Paramedic (CCC)	**Northwest Florida State College** **Associate in Science** Emergency Medical Services (AS)	**Florida State University** **Bachelor of Science** Nursing

	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
CAREER	• Licensed Practical Nurse • Medical Assistant	• Cardiovascular Technologist and Technician • Clinical Technician • Diagnostic Medical Sonographers • Emergency Medical Technician and Paramedic • Health Technologist and Technician • LPN, RN, CAN • Patient Care Technician • Physical Therapist Technician • Radiologic Technologist and Technician • Respiratory Therapist Technician • Surgical Technologist	• Registered Nurse • Respiratory Therapy • Social Worker • Occupational Therapy
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	**Secondary to College Credit Certificate or Degree** (Minimum # of clock or credit hours awarded)	**PSAV/PSV to AAS or AS/BS/BAS** (Statewide and other local agreements may be included here)
		State Articulation Agreement The 1350 clock hour program in Practical Nursing shall articulate ten (10) college credit hours to the AAS/AS Degree in Registered Nursing.	

Career and Technical Student Association
SkillsUSA

Internship/Work Experience Recommendations
Internship and OJT

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

MyCareerShines – Career and Educational Exploration and Information