



School District

Allied Health

HS & Web Address

Minimum HS Graduation Requirements		PROGRAM OF STUDY MATRIX TEMPLATE: MIDDLE - HIGH SCHOOL – POSTSECONDARY						CTE Pathway Requirements	
	Grade	English	Math	Science	Social Studies	Additional Required Courses	Career & Technical Courses	Other Required or Elective Courses	
Student Success Plans outlining career goals should be utilized through the advisement process.									
Middle School	7	ELA 7	Math 7	Science 7	Social Studies 7		Exploring Health Sciences 7th	Electives	
	8	ELA 8	Math 8	Science 8	Social Studies 8		Exploring Health Sciences 8 th	Electives	
Secondary	9	ELA 9	Algebra I	NGSS Aligned Physical/Integrated Science	Civics/Geography	World Language I		This matrix represents a <i>sample</i> program of study. The LEA's program of study <u>must</u> be reflective of local/state high school graduation requirements and college entrance requirements. This matrix should be reflective of the school's <u>course sequence</u> and requirements.	
	10	ELA 10	Algebra II	NGSS Aligned Biology	Economics/Personal Finance	World Language II	Fundamentals of Health Sciences		
	11	ELA 11	Geometry	NGSS Aligned Chemistry	US History	Physical Education (≥1 Credit)	Essentials of Health Careers		
	12	ELA 12	Pre-Calculus or Statistics	NGSS Aligned Physics		Health Education (≥ 0.5 Credit)	Anatomy & Physiology I (A&P) (dual enrollment course – recommended for senior year)		
Postsecondary	13	The Department of Education has negotiated articulation agreements with Delaware Technical Community College in the Allied Health programs of: Medical Coding Studies, Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Technology-Paramedic; Exercise Science, Health Information Management; Histotechnician, Medical Assistant, Medical Lab Technician, Nuclear Medicine, Occupational Therapy Assistant, Physical Therapist Assistant, Radiologic Technology, Respiratory Care, and Surgical Technology.							
	14								
	15	Continue courses in the area of specialization.							
	16								

Additional Learning Opportunities			
Early Career Opportunities:	Early College Opportunities:	Industry Recognized Certifications/Licenses:	Student Organization:
<input type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship (Hospital) <input type="checkbox"/> Other: Students will participate in an organized summer volunteer program at one of the local healthcare systems (Christiana Care Health System, Nemours Children's Health System, Bayhealth Medical Center, or Beebe Healthcare). Students will complete a minimum of two (2) four (4)-hour shifts per week for a minimum of seven (7) weeks.	<input checked="" type="checkbox"/> Dual Enrollment <u>Delaware Technical Community College:</u> BIO120-Anatomy & Physiology I <input type="checkbox"/> Advanced Placement <input checked="" type="checkbox"/> Articulated Credit <u>Delaware Technical Community College:</u> BIO100-Medical Terminology HLH100-Intro to Health Careers <input type="checkbox"/> Pre-Apprenticeship <input type="checkbox"/> Other	<input checked="" type="checkbox"/> American Heart Association CPR/First Aid	<input checked="" type="checkbox"/> HOSA

Sample Careers By Educational Level			
Employment Opportunities (Upon Completion of HS Pathway)	Technical Training or Associate Degree	Bachelor's Degree	Master's Degree or Above
Residential Care Provider Psychiatric/Mental Health Technician Patient Care Technician Pharmacy Technician Dialysis Technician	Nursing Assistant Medical Assistant Registered Nurse Cardiovascular Technician Dental Hygienist Dental Assistant Medical Coder/Biller Diagnostic Medical Sonographer Nuclear Medical Technician Radiation Therapist Radiologic Technician Physical Therapy Assistant Occupational Therapy Assistant Respiratory Therapist EMT and Paramedic Surgical Technician	Registered Nurse Athletic Trainer Dietician and Nutritionist Occupational Therapist Behavioral Health Consultant	Nurse Practitioner Physician Physician Assistant Surgeon Speech Language Pathologist Audiologist Dentist Pharmacist Physical Therapist

Feeder Middle School(s):

Colleges/Universities and Articulated Credit Agreements:

Articulation agreement/Memorandum of Understanding:
 Delaware Technical and Community College: BIO120, BIO100, HLH100

LEA Additional Graduation Requirements:



