**School District**

****Career Cluster Logo

**Allied Health**

**HS & Web Address**

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|  **Minimum HS Graduation Requirements** | **PROGRAM OF STUDY MATRIX TEMPLATE: MIDDLE - HIGH SCHOOL – POSTSECONDARY** | **CTE Pathway Requirements** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **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 8th  | Electives |
|  |
| **Secondary** | **9** | ELA 9 | Algebra I | NGSS Aligned Physical/ Integrated Science | Civics/Geography | World Language I |  | This matrix represents a *sample* program of study. The LEA’s program of study must be reflective of local/state high school graduation requirements and college entrance requirements. This matrix should be reflective of the school’s course sequence 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) | Essentials of A& P (BIO110)orA & P 1 (BIO120) |
|  |
| **Postsecondary** | **13** | ENG 101-Crit Thinking & Acad Writing | MAT 153-Coll Math and Stats | PHY 111 Concepl Physics |  |  | Delaware Technical Community CollegeBIO 121 Anatomy & Physiology II | All programs of study should meet the students’ career goals with regard to required degrees and/or certifications. Required courses will vary by PS institution.  |
| **14** | ENG 102-Composition and Research |  |  |  |  | Delaware Technical Community CollegeDMS 108-Intro to Clinical Internship I |
| **15** | Continue courses in the area of specialization. |
| **16** |

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| **Additional Learning Opportunities** |
| **Early Career Opportunities:** | **Early College Opportunities:** | **Industry Recognized Certifications/Licenses***:* | *S***tudent Organization:** |
| [ ] Cooperative Education[x]  Internship (Hospital)[ ]  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.  | [x] Dual Enrollment[ ]  Advanced Placement[x] Articulated Credit[ ]  Pre-Apprenticeship[ ]  Other: Delaware Technical Community CollegeBIO100-Medical TerminologyBIO110-Essentials of Anatomy & PhysiologyBIO120-Anatomy & Physiology I | [x]  Certification/License American Heart Association CPR/First Aid[ ]  Certification/License | [x]  HOSA |

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| **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 ProviderPsychiatric/Mental Health Technician\*Patient Care TechnicianPharmacy TechnicianDialysis Technician | Nursing AssistantMedical AssistantRegistered NurseCardiovascular TechnicianDental HygienistDental AssistantMedical Coder/BillerDiagnostic Medical SonographerNuclear Medical TechnicianRadiation TherapistRadiologic TechnicianPhysical Therapy AssistantOccupational Therapy AssistantRespiratory TherapistEMT and ParamedicSurgical Technician  | Registered NurseAthletic TrainerDietician and NutritionistPhysical TherapistOccupational TherapistBehavioral Health Consultant | Nurse PractitionerPhysicianPhysician AssistantSurgeonSpeech Language PathologistAudiologistDentistPharmacist |

\*May require higher education depending on job responsibilities.

Feeder Middle School(s):

**Colleges/Universities and Articulated Credit Agreements:**

MOU-Delaware Technical Community College

LEA Additional Graduation Requirements: