



2021-2022
Nursing Academy
 Public Service Endorsement
 Program of Study: Healthcare Diagnostics
Grand Prairie Early College High School

Grade	ELA	Math	Science	Social Studies	Required CTE Courses	Potential Certification Opportunities
9th	English 1	Algebra 1	Biology	World Geography or AP Human Geography	Principles of Health Science (1 Credit) Medical Terminology (1 Credit)	<ul style="list-style-type: none"> OSHA 10—Healthcare Cyber Safety WFR Employability WFR Customer Service CPR/First Aid AED—Healthcare Provider
10th	English 2	Geometry	Chemistry or OnRamps Chemistry	World History, AP World History, or Political Science	Health Science Theory (1 Credit)	<ul style="list-style-type: none"> Sterile Processing and Distribution Technician Certification
11th	English 3	Algebra II	Dual Credit Courses: BIOL 2402 BIOL 2420 Microbiology	U.S. History, AP US History, or OnRamps US History	World Health Research (1 Credit)	<ul style="list-style-type: none"> Patient Care Technician Certified Nursing Assistant Medical Billing & Coding
12th	Business English, or Approved CTE 4 th year English	Financial Mathematics, or Approved CTE 4 th year Math	Principles of Technology, or Approved CTE 4 th year Science	Government Economics	Practicum in Health Science (2 Credits) Pharmacology (1 Credit) Pathophysiology (1 Credit) Health Informatics (1 Credit)	<ul style="list-style-type: none"> 84+ hours towards Associate of Applied Science in Nursing

Student Organizations	Additional Required Electives
HOSA	9th Grade: Personal Financial Literacy (.5 Credit) Medical Terminology (1 Credit) 10th Grade: Medical Math (1 Credit) 11th Grade: Anatomy and Physiology (1 Credit) Medical Microbiology (1 Credit) 12th Grade: Pathophysiology (1 Credit) Pharmacology (1 Credit) Foreign Language Physical Education Fine Arts Health

Dual Credit Offerings	Additional Recommended Electives
English 4 Government Statistics Computer Science U.S. History Economics Pre-Calculus	Medical Terminology (1 Credit) Computer Science OnRamps (1 Credit) Anatomy and Physiology (1 Credit) Medical Microbiology (1 Credit)

Sample Career Opportunities	High School	On the Job Training	Certificate	Associates Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Possible Majors for this Pathway
Family & General Practitioner					X	X	\$181,000—\$451,938	<ul style="list-style-type: none"> Pre-Medicine Oncology Pathology Biology Biological Sciences Chemistry Medical Radiologic Technology Diagnostic Medical Sonography Pre-Pharmacy Physiological Sciences Biomedical Science
Pediatrician					X	X	\$202,313—\$277,854	
Surgeon					X	X	\$393,965—\$534,595	
Registered Nurse					X		\$57,120—\$101,840	
Diagnostic Medical Sonographer				X	X		\$57,720—\$94,370	
Medical Records Technician			X	X			\$40,350—\$66,260	
Nursing Assistant			X	X			\$29,660—\$42,860	
Clinical Laboratory Technologist and Technician			X	X	X		\$53,120—\$81,530	
Medical Assistant			X	X			\$33,724—\$49,846	
Medical Receptionist		X	X	X			\$28,808—\$35,006	
Medical Biller and Coder		X	X	X			\$34,050—\$40,352	