

Career Pathway: Health Science



Plan of Study: Medical Field Focus

Diploma: Lakeland Leading EDGE Core 40 with Academic Honors and Technical Honors

Career Goal: Doctor, Registered Nurse, LPN, Nurse Practitioner, Certified Nursing Assistant

High School	Grade	English/ Language Arts	Math	Science	Social Studies	Other Required Courses	Additional Recommended Courses	Career Pathway Career & Technical Courses
	9	English 9	Geometry (or Algebra I)	Biology I	Geography	PE I and PE II Media Communications Foreign Language I		PLTW Principles of the Biomedical Sciences (Dual Credit)
	10	English 10	Algebra II Honors (or Geometry)	Chemistry	World History	Foreign Language II Fine Arts Course		PLTW Human Body Systems (Dual Credit)
	11	AP Language & Composition or other English Course	Pre-Calculus or other math course	Biology II or Physics	US History / Government	Foreign Language III	Anatomy & Physiology	PLTW Medical Intervention (Dual Credit)
College Placement Assessments (SAT, ACT, etc.) and Academic Career Advisement								
12	AP Literature & Composition or other English Course	Probability & Statistics or AP Calculus		Economics	Community Service Senior Project	AP Biology (Dual Credit) AP Chemistry (Dual Credit)		PLTW Biomedical Innovation (Dual Credit) IMPACT Institute Health Occupations Professional Career Internship

Occupations Relating to This Career Pathway

Occupations requiring less than a Bachelor Degree		Bachelor Degree Required		Bachelor Degree and beyond required	
▶ Dental Assistant	▶ Phlebotomist	▶ Biochemist	▶ Registered Nurse	▶ Research Scientist	▶ Speech/Language Pathologist
▶ EMT/Paramedic	▶ Radiographer	▶ Radiologist	▶ Nutritionist	▶ Physician (MD/DO)	
▶ Health Information Coder	▶ LPN	▶ Athletic Trainer		▶ Psychologist	
▶ Certified Nursing Assistant	▶ Medical Office Staff	▶ Occupational Therapist		▶ Toxicologist	
▶ Lab Technician		▶ Physician's Assistant		▶ Veterinarian	