



MEDICAL CAREERS PATHWAY



The Medical Careers Pathway is specifically designed for students considering a future in medicine. The mission of the program is to provide high quality educational programs that value diversity and empower students to communicate effectively, think and reason critically, and pursue academic excellence. In doing so, we will provide students the comprehensive academic foundations and skills to prepare them to transition into post-secondary education and/or workforce readiness for various medical occupations.

Physician/Surgeon	Dentist/Oral Surgeon	Assistant Sonographer
Physician Assistant (PA)	Forensic Pathologist	Surgical Technologist
Registered Nurse (RN)	Medical Examiner	Esthetician
Nurse Practitioner	Paramedic/EMT	Dietician/Nutritionist
Pharmacist	Lab Technician	Pharmacy Technician
Respiratory Therapist	Dental Hygienist	Home Health Aide
Veterinarian	Dental Assistant	Medical Secretary
Physical Therapist	Medical Assistant	Epidemiologist
Chiropractor	Veterinary Technician	Phlebotomist
Optician	Clinical Lab Technician	Certified Nursing Assistant
Occupational Therapist	Physical Therapy Assistant	Radiologic Technologist

REQUIREMENTS: Students must maintain a G.P.A. of 3.0 or better in all pathway courses.

PATHWAY COURSES

GRADE LEVEL

Biology – every year

9th - 10th

This college preparatory course is an overview of living organisms. Topics covered include cell structure, biochemistry, ecology, genetics, and evolution. Lectures, demonstrations, labs, and group presentations are used to emphasize these scientific concepts.

Medical Terminology/Global Health (CTE) - 2021/2022

10th - 12th

This course explores the specialized language used within the healthcare industry, with an emphasis on pronunciation, spelling, and definition of medical terms in relation to basic anatomy. This course also provides students with an overview of the most important health challenges facing the world's populations today and examines the efforts taken to improve human health at a global level. Topics include parasitic organisms, sanitation, nutrition, tropical diseases and the effects on countries with limited medical resources. This course is articulated with Butte College so students can earn college credit.

Anatomy/Physiology - 2020/2021

11th - 12th

This science course focuses on the structures of the human body, as well as the functions of those structures. Students explore the various organs and organ systems to develop a better understanding of their own body. Lectures, labs, group presentations, dissections, and field trips are used to emphasize the scientific concepts.

Zoology/Botany - 2021/2022

11th - 12th

Students considering becoming a veterinarian or a veterinarian technician should consider this advanced science course that focuses on the study of both animals and plants. Zoology concentrates on the various animal groups and their anatomical structures, whereas Botany involves learning about the structures and classification of plants. Lectures, labs, group presentations, dissections, and field trips are used to emphasize the scientific concepts.