



Health Science

Therapeutic Services



Course Overview: Focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Career Goal (O*NET Code): Physician (29-1062), Pediatrician (29-1065), Anesthesiologist ((29-1061), Surgeon (29-10667).

Student's Name: _____ **Date:** _____

School: Mabank High School **Grade:** 9th 10th 11th 12th AR

Primary Endorsement: Public Service **Additional Endorsements:** Arts & Humanities Multidisciplinary
 Business & Industry STEM

Parent's Signature: _____ **Student's Signature** _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Algebra I Art I Health	Spanish I Touch Systems Data Entry
	9th	Core Courses:	English I Algebra I or Geometry Biology	World Geography Languages other than English I Physical Education
		Career-Related Electives:	Principles of Health Science	
High School	10th	Core Courses:	English II Geometry or Alg II Chemistry	World History Languages other than English II
		Career-Related Electives:	Human Growth & Development Lifetime Wellness & Nutrition	
	11th	Core Courses:	English III Algebra II or Pre-Cal Physics	United States History Languages other than English III
		Career-Related Electives:	Medical Terminology (MDCA 1313) Medical Microbiology	
12th	Core Courses:	English IV Alg II, Pre-Calculus or AP Calculus AP Chemistry	Government/Economics Fine Arts Languages other than English IV	
	Career-Related Electives:	Anatomy & Physiology Health Science Theory & Clinical (HRPRS1205 & NURA1407)		

Curricular Experiences:
[Health Occupations Students of America](#)
[NASA Research Program](#)

Career Learning Experiences:
 Career Preparation
 Internship
 Job Shadowing

Extracurricular Experiences:
 Language Immersion Programs
 School Newspaper
 STARS Research Program
 Student Government
 UIL Academic Competitions
 Yearbook

Service Learning Experiences:
 Campus Service Organizations
 Community Service Volunteer
 Peer Mentoring / Peer Tutoring
 Special Olympics
 Therapeutic Camps

COLLEGE CREDIT OPPORTUNITIES -- High School

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses (Tech Prep), if possible. List those courses that count for college credit on your campus.

Postsecondary	Practicum and/or Work-Based Experiences	Medical Office Assistant Laboratory Assistant	
	Certificates	Medical Assistant Emergency Care Attendant OSHA CareerSafe	
	Associate Degrees	Allied Health Care Medical Assistant Science	
	Bachelor Degrees	Degree of Choice with prerequisites for medical school Physician Assistant Nursing	
	Graduate Degrees	Doctor of Chiropractic Doctor of Osteopathy Doctor of Podiatric Medicine Doctor of Medicine	

Career Options:
 Medical Office Assistant
 Emergency Care Attendant

Career Options:
 Medical Assistant

Career Options:
 Physician Assistant
 Registered Nurse

Career Options:
 Podiatrist
 Physician Assistant
 Chiropractor
 Doctor of Medicine
 Doctor of Osteopathy

Professional Associations:
[American Academy of Physician Assistants](#)
[American Medical Association](#)
[American Podiatric Medical Association](#)
[Texas Medical Association](#)
[Texas Osteopathic Medical Association](#)

This program of study (POS) serves as a guide, along with other college and career planning materials, for pursuing college and career goals. POS developed 2017. A Public Service endorsement as defined in 19 TAC 74.13(0)(2)(A) requires a coherent sequence of courses for four or more credits in career and technical education (CTE) that consists of at least two courses in the least one advanced CTE same career cluster, including at course, which includes any course that is the third or higher course in a sequence. The final courses in the sequence must be obtained from one of the Education & Training career cluster.