



Health Science

Diagnostic 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): Nutritionist (29-2052), Dietitian (29-1031).

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		HS Courses:		Spanish I Touch Systems Data Entry		Curricular Experiences: Health Occupations Students of America Family, Career and Community Leaders of America NASA Research Program	Extracurricular Experiences: Language Immersion Programs National Youth Leadership Forum on Medicine School Newspaper STARS Research Program Student Government UIL Academic Competitions Yearbook		
High School	8th							Career Learning Experiences: Career Preparation Internship Job Shadowing	Service Learning Experiences: Boy Scouts of America Campus Service Organizations Community Service Volunteer Girl Scouts of the USA Medical Mission Trips Peer Mentoring / Peer Tutoring
	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						
	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, AP Calculus, AP Statistics AP Chemistry	Government/Economics Fine Arts Languages other than English IV						
	Career-Related Electives:	Anatomy & Physiology Stats & Business Decision Making							

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	On-the-Job Training	Dietary Aide Food Service Worker				Professional Associations: American Dietetic Association Texas Dietetic Association
	Certificates	Registered Dietetic Technician Medical Lab Technician	OSHA CareerSafe		Career Options: Dietetic Technician	
	Associate Degrees	Dietetics	Clinical Laboratory Technology		Career Options: Dietetic Technician Nutritionist	
	Bachelor Degrees	Dietetics Food and Nutrition	Food Systems Management Human Nutrition	Nutrition Education	Career Options: Registered Dietitian Licensed Dietitian Nutritionist Dietary Counselor	
Graduate Degrees	Nutrition Sciences	Biology	Chemistry	Career Options: Dietetic Educator Dietetic Researcher		

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(f)(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 Health Science career cluster.