



Health Informatics



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): Healthcare Administrator (11-9111), Medical and Health Services Manager (11-9111).

Student Name: _____

Grade: _____

Endorsement: Public Service **School:** Mabank High School

Parent's Signature: _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Algebra I Art I Health	Spanish I Touch Systems Data Entry	<p>Curricular Experiences: Business Professionals of America Health Occupations Students of America</p> <p>Extracurricular Experiences: Language Immersion Programs National Youth Leadership Forum on Medicine School Newspaper Student Government UIL Academic Competitions Yearbook</p> <p>Career Learning Experiences: Career Preparation Internship Job Shadowing</p> <p>Service Learning Experiences: Campus Service Organizations Community Service Volunteer Medical Mission Trips Peer Mentoring / Peer Tutoring Special Olympics</p>	
	High School	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:	Business Information Management I Accounting I (ACNT1303 & ACNT1304)			
11th	Core Courses:	English III Algebra II, Pre-Cal, or Math Models Physics	United States History Languages other than English III			
	Career-Related Electives:	Medical Terminology (MDCA1313) Business Information Management II Accounting II (ACNT1311 & ACNT1313)				
12th	Core Courses:	English IV Alg II, Pre-Calculus, AP Calculus, AP Statistics or Math Elective	Government/Economics Fine Arts Languages other than English IV			
	Career-Related Electives:	Anatomy & Physiology Stats & Business Decision Making Practicum in Business Management				
Postsecondary	Practicum and/or Work-Based	Admitting Clerk Medical Assistant Unit Secretary				<p>Professional Associations: American Association of Medical Assistants American Public Health Association Association of University Programs Health Administration National Commission for Health Education Credentialing</p> <p>Career Options:</p> <p>Medical Assistant Medical Secretary</p> <p>Public Health Educator Healthcare Administrator Patient Advocate Data Analyst</p> <p>Researcher Medical Consulting Healthcare System Management Public Health Administrator</p>
		NOTE: These experiences may be started and/or completed as part of the high school experience.				
	Certificates	Coding Associate Medical Assistant OSHA CareerSafe				
		NOTE: Certificates and licensure may be earned while in high school and may lead to a Performance Acknowledgement.				
	Associate Degrees	Business Administration	Health Information Technology	Medical Assisting		
Bachelor Degrees	Business Administration	Health Education	Healthcare Management			
Graduate Degrees	Business Administration	Healthcare Management	Public Health			

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.

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.