Health Science

Health Informatics

TEXAS CTE
Your journey starts here.

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): **Medical Records and Health Information** (29-2071), Medical Transcriptionist (31-9094).

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

Middle School	8th	***HS Courses:***	Algebra I Art I Health	Spanish I Touch Systems Data Entry
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 Business, Marketing and Finance	
	10th	***Core Courses:***	English II Geometry or Alg II Chemistry	World History Languages other than English II
		Career-Related Electives:	Business Information Management I	
	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 Business Information Management II Business Law (BMGT1341)	
	12th	***Core Courses:***	English IV Alg II, Pre-Calculus, AP Calculus, AP Statistics or Math Elective Anatomy & Physiology	Government/Economics Fine Arts Languages other than English IV
		Career-Related Electives:	Anatomy & Physiology Stats & Business Decision Making Practicum in Business Management	
	On-the-Job Training	Admitting Clerk Unit Secretary NOTE: These experiences may be started and/or completed as part of the high school experience.		
	Certificates	Health Information Coder Health Information Services Medical Transcriptionist Reimbursement Specialists OSHA CareerSafe NOTE: Students may earn all or part of these certificates as part of the high school experience.		
Postsecondary	Associate Degrees	Business Administration	Health Information Technology	Medical and Health Administrative Services
	Bachelor Degrees	Biomedical Informatics	Business	Health Information Management
	Graduate Degrees	Business Administration	Health Information Management Healthcare Administration	Library Science

EXTENDED LEARNING EXPERIENCES

Curricular Experiences:
Business Professionals of America
Health Occupations Students of America

Extracurricular Experiences:
Language Immersion Programs
National Youth Leadership Forum on Medicine
School Newspaper
Student Government
UIL Academic Competitions
Yearbook

Career Learning Experiences:
Apprenticeship
Career Preparation
Internship
Job Shadowing

Service Learning Experiences:
Boy/Girl Scouts
Campus Service Organizations
Community Service Volunteer
Medical Mission Trips
Peer Mentoring / Peer Tutoring
Special Olympics

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.

Career Options:
Medical Transcriptionist

Career Options:
Medical Record Coder
Health Information Coder
Medical Biller
Patient Financial Services Mgr
Health Information Technician

Career Options:
Applied Researcher
Data Consultant
Health Information Administrator
Director of Medical Records

Career Options:
Health Information Management
Medical Systems Consultant
Medical Librarian

Professional Associations:
American Health Information Management Association
American Association for Medical Transcription

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.