



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: _____

School: _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Touch Systems Data Entry		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
	9th	Core Courses:	English I Algebra I or Geometry Biology	World Geography Languages other than English I Physical Education		
10th		Career-Related Electives:	Business Information Management I or Accounting I or Principles of Business, Marketing and Finance		Career Learning Experiences: Career Preparation Internship Job Shadowing	Service Learning Experiences: Campus Service Organizations Community Service Volunteer Medical Mission Trips Peer Mentoring / Peer Tutoring Special Olympics
	Core Courses:	English II Geometry or Alg II Chemistry	World History Languages other than English II			
High School	11th	Core Courses:	English III Algebra II, Pre-Cal, or Math Models Physics or Princ of Technology	United States History Professional Communications	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-Related Electives:	Medical Terminology or Anatomy and Physiology or Languages other than English III or Business Information Management II or Accounting II			
12th	Core Courses:	English IV Alg III, Pre-Calculus, or AP Calculus Anatomy & Physiology	Government/Economics Fine Arts	Professional Associations: American Association of Medical Assistants American Public Health Association Association of University Programs Health Administration National Commission for Health Education Credentialing		
	Career-Related Electives:	Psychology or Entrepreneurship or Languages other than English IV or Business Management				
On-the-Job Training	Admitting Clerk	Medical Assistant	Unit Secretary	Career Options: Medical Assistant Medical Secretary		
	NOTE: These experiences may be started and/or completed as part of the high school experience.					
Certificates	Coding Associate	Medical Assistant	OSHA CareerSafe	Career Options: Public Health Educator Patient Advocate Healthcare Administrator Data Analyst		
	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 Assisting	Career Options: Researcher Healthcare System Management Medical Consulting Public Health Administrator	
	Bachelor Degrees	Business Administration	Health Education	Healthcare Management		
	Graduate Degrees	Business Administration	Healthcare Management	Public Health		

Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2009. All plans meet high school graduation requirements as well as college entrance requirements.