

**CAREER &
TECHNICAL
EDUCATION**



HEALTH INFORMATICS PROGRAM

CTE COURSE SEQUENCE

FOUNDATIONAL (9TH & 10TH)

- Intro to Career Pathways
- Health Occupations
- Technology Applications 1 & 2
- Intro to Pharmacy - **S**
- Medical Math - **M**

TECHNICAL (11TH & 12TH)

- Technology Applications 3
- Medical Office Procedures
- Medical Terminology - **S**
- Medical Coding and Billing
- Pharmacy Technician - **S**

ACADEMIC ELECTIVE CREDITS: **S** = SCIENCE **M** = MATH **LA** = LANGUAGE ARTS **SS** = SOCIAL STUDIES

ACADEMIC RIGOR

- Pre-Calculus with Trigonometry
- Chemistry
- Physics

STUDENT ORGANIZATION (CTSO)

- HOSA

CERTIFICATION

- CPR/First Aid

EARLY COLLEGE CREDIT OPTIONS

COLLEGE
CREDITS

DUAL ENROLLMENT

- Introduction to Pharmacy 3 cr
- Health Occupations 3 cr
- Medical Terminology 3 cr
- Technology Applications 1, 2, 3 3 cr

AP (WITH PASSING SCORE ON AP EXAM)

- AP Calculus
- AP Biology
- AP Chemistry
- AP Physics

MAPPING YOUR 4-YEAR PLAN*

9TH GRADE		CREDITS	10TH GRADE		CREDITS
<input type="checkbox"/>	Introduction to Career Pathways	.5 cr	<input type="checkbox"/>	Introduction to Pharmacy - S	.5 cr
<input type="checkbox"/>	Health Occupations	.5 cr	<input type="checkbox"/>	Medical Math - M	.5 cr
<input type="checkbox"/>	Algebra 1	1 cr	<input type="checkbox"/>	Technology Applications 1	.5 cr
<input type="checkbox"/>	English 1	1 cr	<input type="checkbox"/>	Technology Applications 2	.5 cr
<input type="checkbox"/>	Biology	1 cr	<input type="checkbox"/>	Geometry	1 cr
<input type="checkbox"/>	Civics	.5 cr	<input type="checkbox"/>	English 2	1 cr
<input type="checkbox"/>	Health	.5 cr	<input type="checkbox"/>	Physical Science	1 cr
<input type="checkbox"/>	PE	1 cr	<input type="checkbox"/>	World History	1 cr
11TH GRADE		CREDITS	12TH GRADE		CREDITS
<input type="checkbox"/>	Medical Terminology - S	1 cr	<input type="checkbox"/>	Pharmacy Technician - S	1 cr
<input type="checkbox"/>	Technology Applications 3	.5 cr	<input type="checkbox"/>	Medical Coding and Billing	1 cr
<input type="checkbox"/>	Medical Office Procedures	.5 cr	<input type="checkbox"/>	Advanced Math	1 cr
<input type="checkbox"/>	Algebra 2	1 cr	<input type="checkbox"/>	English	1 cr
<input type="checkbox"/>	English	1 cr	<input type="checkbox"/>	Science	1 cr
<input type="checkbox"/>	Science	1 cr	<input type="checkbox"/>	U.S. Government	.5 cr
<input type="checkbox"/>	U.S. History	1 cr	<input type="checkbox"/>	AK History	.5 cr

*These are suggested courses to best prepare students for post-secondary transitions and credentialing. Actual courses may depend on school schedule availability and enrollment capacity. Some classes may be available at other locations through District-wide or course share options. Graduation requirements for number of credits and required courses are set at a district level and are subject to change. Talk to your counselor about your graduation requirements and to schedule your courses.

STACKABLE CREDENTIALS & DEGREES*

HIGH SCHOOL		COLLEGE	
<input type="checkbox"/>	Dual Enrollment	<input type="checkbox"/>	Occupational Endorsement Certificate in Medical Office Reception
<input type="checkbox"/>	Academic AP	<input type="checkbox"/>	Occupational Endorsement Certificate in Phlebotomist
INDUSTRY CERTIFICATION		<input type="checkbox"/>	Undergraduate Certificate in Medical and Dental Reception
<input type="checkbox"/>	CPR/First Aid	<input type="checkbox"/>	Undergraduate Certificate in Health Information Management Coding Specialist
<input type="checkbox"/>	Physical Therapist	<input type="checkbox"/>	Associate of Applied Science in Medical Office Administration
<input type="checkbox"/>	Pharmacy Technician Certification Board (PTCB)	<input type="checkbox"/>	Associate of Applied Science in Medical Assisting
<input type="checkbox"/>	Certified Occupational Therapy Assistant	<input type="checkbox"/>	Associate of Applied Science in Medical Laboratory Technology
<input type="checkbox"/>	Massage Therapy	<input type="checkbox"/>	Bachelor of Science in Nursing
<input type="checkbox"/>	Pharmacy Assistant/Technician	<input type="checkbox"/>	Bachelor of Science in Medical Laboratory Science
<input type="checkbox"/>	Medical Assistant	<input type="checkbox"/>	Graduate Certificate in Family Nurse Practitioner or Nursing Education
APPRENTICESHIP		MILITARY	
<input type="checkbox"/>	Private Entity	<input type="checkbox"/>	U.S. Armed Forces
		<input type="checkbox"/>	Doctor of Nursing Practice in Nursing Science

*Listed Certifications, Apprenticeships and College Degree Programs represent a SAMPLE of available credentials. Available credentials are subject to change due to industry and postsecondary institution changes.