

CERTIFICATE REQUIREMENTS

www.cvtc.edu – 1-800-547-2882

Healthcare Data Analytics

Technical Certificate

Learners explore healthcare delivery systems and regulatory environment, compliance, healthcare data collection principles, data structure and standardization and interoperability. Further focus involves use of technology in healthcare, including common business software applications, patient portals, healthcare databases, administrative and clinical information systems, and a variety of electronic health record (EHR) simulation. The courses provide in-depth study of specific tools and hands-on activities including Dia, relational-database, SQL, MySQL, data normalization, information system design, Entity-Relationship Diagrams, and relational data modeling and testing.

Course Number	Course Title	Hrs./ Week	Credits	Prerequisite(s)/Comments
501-130	Healthcare IT	3	2	<u>Certificate student, Co-requisite: 530-107</u>
530-107	HIMT Fundamentals	4	3	<u>Certificate student, 501-130 or concurrent</u>
530-160	Healthcare Informatics	4	3	<u>Certificate student, 501-130, 530-107</u>
152-132	Database 1 [2 nd 8 weeks]	4	3	<u>Certificate student</u>
152-136	Database 2 [1 st 8 weeks]	4	3	<u>152-132</u>
	Total Credits		14 cr.	

TOTAL CREDITS REQUIRED = 14

Minimum 2.0 cumulative GPA required for successful completion of certificate.

*Students must earn a "C" or better in the 501 and 530 courses, and a "C-" in both 152 courses.