

CURRICULUM STANDARD

<i>Effective Term</i> Fall 2017 [2017*03]

Curriculum Program Title	Healthcare Management Technology	Program Code	A25200
Concentration	(not applicable)	CIP Code	51.0701

Curriculum Description

The Healthcare Management Technology curriculum prepares individuals for employment in healthcare business and financial operations in areas such as general healthcare management, entrepreneurship, and long-term care.

Course work includes medical office management, financial management, legal aspects of healthcare, medical insurance and billing analysis, and other topics depending on the subject area selected within this curriculum.

Graduates should qualify for employment opportunities in a variety of healthcare settings including hospitals, medical offices, outpatient clinics, long-term care facilities, and insurance companies. Industry recognized certifications may be available for graduates with work experience.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- II. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the *Combined Course Library* and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Minimum General Education Hours Required:	15 SHC	6 SHC	0 SHC
<p><i>Courses listed below are recommended general education courses for this curriculum standard. Colleges may choose to include additional or alternative general education courses to meet local curriculum needs.</i></p>			
<p>Communication:</p> <p>COM 110 Introduction to Communication 3 SHC COM 120 Intro Interpersonal Com 3 SHC COM 231 Public Speaking U 3 SHC ENG 111 Writing and Inquiry U 3 SHC ENG 112 Writing/Research in the Disc U 3 SHC ENG 114 Prof Research & Reporting 3 SHC ENG 116 Technical Report Writing 3 SHC</p>	6 SHC	3-6 SHC	Optional
<p>Humanities/Fine Arts:</p> <p>ART 111 Art Appreciation U 3 SHC HUM 110 Technology and Society 3 SHC HUM 115 Critical Thinking 3 SHC HUM 230 Leadership Development 3 SHC MUS 110 Music Appreciation U 3 SHC PHI 230 Introduction to Logic 3 SHC PHI 240 Introduction to Ethics U 3 SHC</p>	3 SHC	0-3 SHC	Optional
<p>Social /Behavioral Sciences:</p> <p>ECO 151 Survey of Economics 3 SHC ECO 251 Prin of Microeconomics U 3 SHC ECO 252 Prin of Macroeconomics U 3 SHC POL 120 American Government U 3 SHC PSY 118 Interpersonal Psychology 3 SHC PSY 150 General Psychology U 3 SHC SOC 210 Introduction to Sociology U 3 SHC</p>	3 SHC	0-3 SHC	Optional
<p>Natural Sciences/Mathematics:</p> <p>MAT 110 Math Measurement and Literacy 3 SHC MAT 121 Algebra/Trigonometry I 3 SHC MAT 143 Quantitative Literacy U 3 SHC MAT 152 Statistical Methods I U 4 SHC MAT 171 Precalculus Algebra U 4 SHC</p>	3-4 SHC	0-3 SHC	Optional
<p>U indicates a Universal General Education Transfer Component (UGETC) course included in the Comprehensive Articulation Agreement. UGETC courses are guaranteed to transfer to any of the sixteen University of North Carolina senior institutions as equivalent credit within defined distribution limits.</p>			

Major Hours

[ref. 1D SBCCC 400.97(3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Healthcare Management Technology A25200

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. Technical Core: <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject area or core of the AAS degree.</i>	36-39 SHC	12 SHC	
Required Courses: ACC 120 Prin of Financial Acct 4 SHC ACC 121 Prin of Managerial Acct 4 SHC HMT 110 Intro to Healthcare Mgt 3 SHC			
Computer Applications <i>Select one:</i> CIS 110 Introduction to Computers 3 SHC CIS 111 Basic PC Literacy 2 SHC OST 137 Office Applications I 3 SHC			
Insurance <i>Select one:</i> HMT 210 Medical Insurance 3 SHC OST 148 Med Ins & Billing 3 SHC			
Legal/Medical Ethics <i>Select one:</i> HMT 215 Legal Asp of Healthcare Admin 3 SHC MED 118 Medical Law and Ethics 2 SHC OST 149 Medical Legal Issues 3 SHC			
Medical Terminology <i>Select one set:</i> MED 121 Medical Terminology I 3 SHC MED 122 Medical Terminology II 3 SHC or OST 141 Med Office Terms I 3 SHC OST 142 Med Office Terms II 3 SHC			

<p>Required Subject Areas (<i>Select one subject area</i>):</p> <p>General Healthcare Management Technology <i>12 hours to be selected from the following prefix: BUS, HMT and/or OST</i></p> <p>Healthcare Entrepreneurship <i>Select one:</i></p> <table border="0"> <tr> <td>BUS</td> <td>230</td> <td>Small Business Management</td> <td>3 SHC</td> </tr> <tr> <td>BUS</td> <td>280</td> <td>REAL Small Business</td> <td>4 SHC</td> </tr> </table> <p><i>Select three:</i></p> <table border="0"> <tr> <td>BUS</td> <td>139</td> <td>Entrepreneurship I</td> <td>3 SHC</td> </tr> <tr> <td>BUS</td> <td>245</td> <td>Entrepreneurship II</td> <td>3 SHC</td> </tr> <tr> <td>ETR</td> <td>210</td> <td>Intro to Entrepreneurship</td> <td>3 SHC</td> </tr> <tr> <td>ETR</td> <td>220</td> <td>Innovation and Creativity</td> <td>3 SHC</td> </tr> <tr> <td>HMT</td> <td>212</td> <td>Mgt of Healthcare Org</td> <td>3 SHC</td> </tr> <tr> <td>MKT</td> <td>231</td> <td>Healthcare Marketing</td> <td>3 SHC</td> </tr> </table> <p>Long Term Care</p> <table border="0"> <tr> <td>GRO</td> <td>120</td> <td>Gerontology</td> <td>3 SHC</td> </tr> <tr> <td>HMT</td> <td>211</td> <td>Long-Term Care Admin</td> <td>3 SHC</td> </tr> <tr> <td>HMT</td> <td>212</td> <td>Mgt of Healthcare Org</td> <td>3 SHC</td> </tr> <tr> <td>OST</td> <td>250</td> <td>Long-Term Care Coding</td> <td>3 SHC</td> </tr> </table>	BUS	230	Small Business Management	3 SHC	BUS	280	REAL Small Business	4 SHC	BUS	139	Entrepreneurship I	3 SHC	BUS	245	Entrepreneurship II	3 SHC	ETR	210	Intro to Entrepreneurship	3 SHC	ETR	220	Innovation and Creativity	3 SHC	HMT	212	Mgt of Healthcare Org	3 SHC	MKT	231	Healthcare Marketing	3 SHC	GRO	120	Gerontology	3 SHC	HMT	211	Long-Term Care Admin	3 SHC	HMT	212	Mgt of Healthcare Org	3 SHC	OST	250	Long-Term Care Coding	3 SHC			
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<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i></p> <p>ACC, BAF, BAS, BIO, BUS, CIS, CRT, CSV, CTI, CTS, DBA, DEN, ECO, ETR, GRO, HBI, HEA, HIT, HMT, ISC, MED, MKT, NET, OMT, OST, PBT, PMT, SPA, WBL and WEB</p> <p><i>Up to two semester hour credit may be selected from ACA.</i></p> <p><i>Up to three semester hour credits may be selected from the following prefixes: ARA ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i></p>																																																			

Employability Competencies

Fundamental competencies that address soft skills vital to employability, personal, and professional success are listed below. Colleges are encouraged to integrate these competencies into the curriculum by embedding appropriate student learning outcomes into one or more courses or through alternative methods.

- A. Interpersonal Skills and Teamwork** – The ability to work effectively with others, especially to analyze situations, establish priorities, and apply resources for solving problems or accomplishing tasks
- B. Communication** – The ability to effectively exchange ideas and information with others through oral, written, or visual means
- C. Integrity and Professionalism** – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor
- D. Problem-solving** – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions
- E. Initiative and Dependability** – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules, and consistent reliability
- F. Information processing** – The ability to acquire, evaluate, organize, manage, and interpret information
- G. Entrepreneurship** – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner
- H. Adaptability and Lifelong Learning** – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices

**The Employability Competencies were determined as part of the Office Administration Alignment Project (OAAP). The *North Carolina Career Clusters Guide*, along with Industry/Employer Surveys, OAAP College Representative Surveys, and College Advisory Board input were used to determine these competencies.

The North Carolina Career Clusters Guide was developed by the North Carolina Department of Public Instruction and the North Carolina Community College system to link the academic and Career and Technical Education programs at the secondary and postsecondary levels to increase student achievement. Additional information about Career Clusters is located at:

http://www.nc-net.info/NC_career_clusters_guide.php or <http://www.careertech.org>.