

HEALTH CARE TECHNOLOGY

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The Health Care Technology degree is designed to meet the ever-changing needs of the healthcare delivery system by preparing students with cross-training in more than one health care skill. In addition to offering specialized training opportunities, the associate degree program provides the student with foundational knowledge in science, patient management, and communication skills that are required of all health professionals.

The degree features a flexible curriculum that meets the rapidly changing needs of the health community. It will provide the student with skills in more than one occupational role, thus making the student highly marketable. The student will work closely with an academic advisor to tailor the degree to his/her skills and interests.

The following are possible certificates that students can pursue:

Activity Directing Certificate
 Addictions Services
 Advanced Emergency Medical Technician Certificate
 Advanced Nursing Assistant
 Basic Emergency Medical Technician Certificate
 Cardiographic Technician Certificate
 Dental Assisting Certificate
 Medical Assisting Certificate
 Medical Billing and Coding certificate
 Nurse Assistant Certificate
 Paramedic Certificate
 Patient Care Technician
 Personal Care Aide
 Phlebotomy Certificate
 Practical Nursing Certificate
 Sterile Processing Technician




Technical Standards

See here for details.

Tech Prep Partner

See here for details

Health Care Technology Associate of Applied Science

First Year		Hours
First Semester		
SDE 1010 	First Year Experience	1
		
COM 1110 	English Composition	3
BHS 1390	Medical Terminology	2
	LIFE AND PHYSICAL SCIENCE ELECTIVE	3
	MATHEMATICS ELECTIVE	3
	HEALTH CARE TECHNOLOGY ELECTIVE	3
Term Hours		15
Second Semester		
	SOCIAL AND BEHAVIORAL SCIENCE ELECTIVE	3
	SOCIAL AND BEHAVIORAL SCIENCE ELECTIVE	3
	HUMANITIES OR COMMUNICATION ELECTIVE	3
	HEALTH CARE TECHNOLOGY ELECTIVE	3
	LIFE AND PHYSICAL SCIENCE ELECTIVE	4
Term Hours		16
Second Year		
First Semester		
BHS 1160	Medical Law-Ethics Healthcare	2
	HUMANITIES ELECTIVE	3
	HEALTH CARE TECHNOLOGY ELECTIVES	11
Term Hours		16
Second Semester		
HCT 2500	Health Care Technology Capstone	1
	HEALTH CARE TECHNOLOGY ELECTIVES	12
Term Hours		13
Total Hours		60

Recommended General Education Course Electives

IMPORTANT: See Academic Advisor for assistance to select appropriate electives in general education for desired pathway.

Communication		
Code	Title	Hours
COM 1140	Technical Writing	3
COM 1200	Writing in the Sciences	3
COM 1980	Research and Writing	1
COM 2213	Verbal Judo ^{Required for PTA, RAD}	3
COM 2400	Composition and Literature	3
Humanities		
Code	Title	Hours
COM 1801	Creative Writing: Fiction	3
COM 2110	Public Speaking	3
HST 1011	Western Civilization I	3
HST 1333	World Civilization I	3
HST 1610	American History to 1877	3

HST 1620	American History Since 1877	3
HST 2300	Technology and Civilization	3
HST 2510	History of Latin America	3
HST 2521	Women in World History	3
LIT 2210	Introduction to Literature	3
LIT 2215	Native American Literature	3
LIT 2310	Literature and the Holocaust	3
LIT 2250	The American Short Story	3
LIT 2228	African-American Literature	3
LIT 1450	Introduction to Film	3
LIT 2241	World Literature I	3
LIT 2242	World Literature II	3
LIT 2260	Fantasy Literature	3
LIT 2301	British Literature I	3
LIT 2305	Introduction to Shakespeare	3
LIT 2450	Themes in Literature and Film	3
LIT 2227	Literature of Graphic Novels	3

Mathematics

Code	Title	Hours
MTH 1151	Quantitative Reasoning <small>Option for DHY, NSG, OTA, Required for EMS, RES</small>	3
MTH 1190	Finite Mathematics/Business	3
MTH 1260	Statistics <small>Option for NSG, OTA, Required for PTA</small>	3
MTH 1370	College Algebra <small>Option for DHY, Required for RAD</small>	4

Social and Behavioral Sciences

Code	Title	Hours
ANT 2411	Cultural Anthropology	3
POL 1010	Introduction to Political Science	3
PSY 1010	General Psychology <small>Option for NSG, Required for DHY, EMS, OTA, PTA, RAD</small>	3
PSY 1730	Abnormal Psychology <small>Required for OTA</small>	3
PSY 2150	Lifespan Psychology <small>Required for PTA</small>	3
PSY 2200	Social Psychology	3
PSY 2301	Educational Psychology	3
SOC 1010	Sociology <small>Option for NSG, Required for DHY, EMS, OTA, RES</small>	3
SOC 1200	Death and Dying	3
SOC 1210	Family Sociology	3
SOC 1320	American Cultural Diversity <small>Option for EMS</small>	3
SOC 2211	World Religions: History, Belief, and Practice	3
SOC 2300	Social Problems	3

Life and Physical Sciences

Code	Title	Hours
BIO 1000	Basic Human Structure and Function <small>Option for practical nursing, Required for paramedic, phlebotomy, and medical billing/coding certificates</small>	3
BIO 1090	Concepts in Biology	4
BIO 1110	Anatomy and Physiology I <small>Required for DHY, EMS, NSG, OTA, PTA, RAD, RES</small>	4
BIO 1120	Anatomy and Physiology II <small>Option for PN certificate, Required for DHY, EMS, NSG, OTA, PTA, RAD, RES</small>	4
BIO 1400	Microbiology <small>Required for DHY and NSG</small>	4
CHM 1110	Introductory General Chemistry	4

CHM 1120	Introductory Organic and Biochemistry <small>Required for DHY, RES</small>	4
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Health Care Technology Electives

Note: To complete the degree, students must earn a minimum of 30 credit hours in Health Care Technology electives, which may equate to one certificate equal to or greater than 30 credits, or at least two certificates combined with enough Health Care Technology hours to satisfy the degree requirement.

Activity Directing Certificate

Code	Title	Hours
HUM 1310	Activity Directing I	3
HUM 1320	Activity Directing II	3

Addiction Services Certificate

Code	Title	Hours
HUM 1710	Substance-Related and Addictive Disorders	3
HUM 2710	Addictions Counseling	3

Advanced Emergency Medical Technician Certificate

Code	Title	Hours
EMS 1580	EMT-Basic	7
EMS 1120	Advanced EMT	8

Advanced Nursing Assistant

Code	Title	Hours
BHS 2120	Introduction to Nursing	2
BHS 2110	Growth and Development: Lifespan	2

Basic Emergency Medical Technician Certificate

Code	Title	Hours
EMS 1580	EMT-Basic	7



Cardiographic Technician Certificate

Code	Title	Hours
BHS 1530	12 Lead ECG Interpretation	1
BHS 1540	Advanced Cardiac Diagnostics	3
BHS 1540L	Advanced Cardiac Diagnostics Lab	0

Dental Assisting Certificate

Code	Title	Hours
DAS 1011	Dental Assisting Techniques	1
DAS 1020	Dental Assisting Clinic	1
DAS 1201	Introduction to Dental Terminology and Basic Oral Anatomy	1
DAS 1460	Oral Radiography	3
DAS 1511	Dental Assisting Concepts	2
DAS 2141	Dental Assisting Materials	1
DHY 1019	Nitrous Oxide Sedation	0.5

Medical Assisting Certificate

Code	Title	Hours
MAT 1100	Introduction to Medical Assisting	3
MAT 1100L	Introduction to Medical Assisting Lab	0
MAT 1200	Clinical Medical Assisting I	4
MAT 1200L	Clinical Medical Assisting I Lab	0
MAT 1300	Medical Office Procedures I	3
MAT 1400	Clinical Medical Assisting II	6
MAT 2410	Medical Office Coding	4
MAT 2320	Medical Office Procedures II	2
MAT 2320L	Medical Office Procedures II Lab	0
MAT 2310	Healthcare Reimbursement	3
MAT 2510	Medical Assisting Clinical (Practicum)	2
MAT 2520	 Capstone for Medical Assisting	2
		

Medical Billing and Coding Certificate

Code	Title	Hours
CPT 1250	Computer Applications in the Workplace	3
MAT 2310	Healthcare Reimbursement	3
MAT 2410	Medical Office Coding	4
MAT 2420	Medical Coding - Advanced	2
MAT 2430	Electronic Health Records and Procedures	3

Nurse Assistant Certificate

Code	Title	Hours
BHS 1140	State Tested Nurse Aide Training	5

Paramedic Certificate

Code	Title	Hours
EMS 1580	EMT-Basic	7
EMS 2210	 Paramedic I	13
EMS 2215	Paramedic Clinical	2.5
EMS 2220	Paramedic II	13
EMS 2225	Paramedic Field Experience	2.5

Patient Care Technician

Code	Title	Hours
BHS 1100	Patient Care Technician I	4
BHS 1120	Patient Care Technician II	4

Personal Care Aide

Code	Title	Hours
BHS 1000	Introduction to Patient Care	2

Phlebotomy Certificate

Code	Title	Hours
BHS 1840	Phlebotomy Principles and Practice	3
BHS 1850	Phlebotomy Clinical	1

Practical Nursing Certificate

Code	Title	Hours
BHS 2110	Growth and Development: Lifespan	2
BHS 2120	Introduction to Nursing	2
DTN 1220	Principles of Nutrition	2
PNS 1200	Foundations of Practical Nursing	6
PNS 1200C	Foundations of Practical Nursing Clinical	0

PNS 1200L	Foundations of Practical Nursing Lab	0
NSG 1721	Pharmacology for Nursing	2
PNS 1202	Adult Medical-Surgical Nursing	10
PNS 1203	PN-Issues and Trends	1
PNS 1204	Maternal Child Nursing	5

Sterile Processing Technician

Code	Title	Hours
STP 1000	Sterile Processing I	3
STP 1200	Sterile Processing II	2
STP 1207	Directed Practice For Sterile Processing	6

 Portfolio Capstone

To complete the degree, students must earn a minimum of 30 credit hours in Health Care Technology electives, which may equate to one certificate equal to or greater than 30 credits, or at least two certificates combined with enough Health Care Technology hours to satisfy the degree requirement. An additional 30 credit hours must be completed in general education and basic related coursework.