

Health Sciences Technology (HSCT)

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The Health Sciences Technology program at Cincinnati State offers a flexible curriculum designed to meet the changing needs of the healthcare field. Students are trained to perform multiple functions in more than one healthcare-related discipline, while working toward completion of an Associate of Applied Science degree.

To complete the associate's degree requirements, students combine certificate program coursework (chosen from the certificates listed) with core technical coursework in areas such as science, medical terminology, and professional standards. Students also complete courses in communication and other foundation skill areas.

Students must meet with an advisor before deciding on their areas of study.

Most program graduates are employed in a field related to one of their completed certificates.

For more information, please contact the Health and Public Safety Division at (513) 569-1670.

To apply for this program at Cincinnati State, visit our Admissions Page (<http://www.cincinnati.edu/academics/admission>)

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Semester 1		Lec	Lab	Credits
MCH 100	Healthcare Informatics (T)	2	0	2
ENG 101	English Composition 1 (G)	3	0	3
XXX XXX	Certificate Electives 1 (T)	4	2	5
MAT 105	Quantitative Reasoning (G)	2	2	3
FYE 1XX	First Year Experience Elective (B)	1	0	1
MCH 10X	Medical Terminology Elective (T)	3		3
Semester 2				
COMM 110	Public Speaking (B)	3	0	3
MCH 138	Patient Care Skills (T)	1	3	2
ENG 10X	English Composition Elective (G)	3	0	3
XXX XXX	Certificate Electives 2 (T)	4	2	5
Semester 3				

EMS 100	CPR and First Aid for the Health Care Professional (B)	1	0	1
PSY 110	Introduction to Psychology (G)	3	0	3
BIO 151	Anatomy and Physiology 1 (G)	3	2	4
XXX XXX	Certificate Electives 3 (T)	4	2	5
MCH 108	Professionalism in Healthcare (T)	3	0	3
Semester 4				
MCH 114	Law and Ethics for Healthcare (T)	2	0	2
MCH 116	Cultural Competency for Health and Public Safety Professions (T)	3	0	3
BIO 152	Anatomy and Physiology 2 (B)	3	2	4
XXX XXX	Certificate Electives 4 (T)	4	2	5
PSY XXX	Psychology Elective (B)	3	0	3
Total Credits:		55	17	63

Electives

Medical Terminology Elective

MCH 101	Medical Terminology 1	4
& MCH 102	and Medical Terminology 2 (T)	
MCH 104	Comprehensive Medical Terminology (T)	3

First Year Experience Elective

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

English Composition Elective

ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3
ENG 104	English Composition 2: Technical Communication	3

Psychology Elective

PSY 200	Abnormal Psychology	3
PSY 210	Adolescent Development	3
PSY 225	Lifespan Development	3

Certificate Electives

Students must complete at least two of the following certificates and must earn a minimum of 20 credits in certificate courses that are not already required for the Health Sciences Technology degree. Other healthcare certificates (not listed below) may be used with the prior permission of the Health Sciences Technology Program Chair.

Aquatic Group Fitness Instructor Certificate

HFT 128	Aquatic Group Fitness Instructor	4
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Aquatic Personal Trainer Certificate

HFT 160	Aquatic Personal Trainer	2
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Coding Specialist Certificate

BIO 240	Pathophysiology	3
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HIM 100	Introduction to Health Information Management	4
HIM 115	Clinical Abstracting of Health Data	2
HIM 130	International Classification of Diseases (ICD) Coding	4
HIM 135	Pharmacology for Health Information Management	1
HIM 210	Healthcare Reimbursement Methodologies	3
HIM 215	Advanced Medical Coding	4
HIM 225	Current Procedural Terminology (CPT) Coding	3
Community Health Worker Certificate		
CHW 100	Community Health Worker Training	4
CHW 180	Community Health Worker Practicum	3
MCH 106	Health and Wellness Promotion	2
Electrocardiography (Basic) Certificate		
MCH 141	Electrocardiography 1	3
Electrocardiography (Advanced) - Arrhythmia Recognition Certificate		
MCH 142	Electrocardiography 2	4
Emergency Medical Technician Basic Certificate		
EMS 110	Emergency Medical Technician Theory and Practice	7
Emergency Medical Technician Paramedic Certificate		
EMS 110	Emergency Medical Technician Theory and Practice	7
EMS 120	Paramedic Anatomy and Physiology	3
EMS 211	Paramedic 1	12
EMS 212	Paramedic 2	12
EMS 213	Paramedic 3	12
EMS 221	Paramedic 1 Lab	1
EMS 231	Paramedic 1 Practicum	2
EMS 222	Paramedic 2 Lab	1
EMS 232	Paramedic 2 Practicum	3
EMS 223	Paramedic 3 Lab	1
EMS 233	Paramedic 3 Practicum	3
Group Fitness Instructor Certificate		
HFT 122	Group Fitness Instructor	4
Health and Fitness Special Populations Certificate		
HFT 130	Foundations of Health and Wellness Programs	3
HFT 164	Health and Fitness Across the Life Span 1	3
HFT 168	Health and Fitness Across the Life Span 2	3
Health Unit Coordinator Certificate		
MCH 110	Orientation to Health Records	3
MCH 120	Health Unit Coordinator Training	4
Medical Assistant Certificate		
BIO 117	Human Body in Health and Disease	3
MA 100	Clinical Procedures for Medical Assistants	4
MA 105	Administrative Procedures for Medical Assistants	4
MA 110	Medical Office Laboratory Procedures	5
MA 115	Pharmacology for Medical Assistants	3
MA 120	Medical Office Insurance Coding and Billing	2
MA 125	Externship and Seminar for Medical Assistants	4
MCH 104	Comprehensive Medical Terminology	3
PSY 225	Lifespan Development	3

Nurse Aide Training Certificate

MCH 130	Nurse Aide Training	5
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Patient Care Assistant Certificate

MCH 132	Patient Care Assistant Training	3
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Personal Fitness Trainer Certificate

HFT 151	Personal Fitness Trainer 1	4
HFT 152	Personal Fitness Trainer 2	4
HFT 156	Establishing a Personal Training Business	3
HFT 182	Personal Fitness Trainer Practicum	2

Pilates Mat Instructor Certificate

HFT 116	Pilates Mat Instructor	2
HFT 180	Pilates Mat Practicum	2

Practical Nursing Certificate

PN 101	Practical Nursing Concepts 1	8
PN 102	Practical Nursing Concepts 2	10
PN 103	Practical Nursing Concepts 3	6
PN 185	Practical Nursing Role Transition	2

Resistance Training Certificate

HFT 124	Resistance Training Instructor	4
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The letters G, B, and T (displayed after course titles or elective descriptions) identify types of courses required by the Ohio Department of Higher Education as part of an associate's degree curriculum.

G = General Education course in this curriculum

B = Basic Skills course in this curriculum

T = Technical course in this curriculum

Faculty**Program Chair/Advisor**

Professor Daphne Robinson, BS, RHIT
daphne.robinson@cincinnatiastate.edu