

Health Sciences Technology (HSCT)

Health Sciences Technology (HSCT)

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 discipline, while working towards the completion of an Associate of Applied Science degree.

Students are required to meet with an advisor before deciding on their areas of study. 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, as well as courses in communication and other basic studies. Most graduates practice in the area of one of the completed certificates.

Health Sciences Technology (HSCT)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Semester 1		Credits
MCH 100	Healthcare Informatics	2
MCH 101	Medical Terminology 1	2
ENG 101	English Composition	3
PST 135	Disaster Preparedness for Healthcare Workers	2
XXX XXX Certificate		6
Electives 1		
Semester 2		
ENG 102	Composition and Argument	3
MCH 102	Medical Terminology 2	2
COMM 110	Public Speaking	3
MCH 138	Patient Care Skills	2
XXX XXX Certificate		5
Electives 2		
Semester 3		
EMS 100	CPR and First Aid for the Health Care Professional	1
PSY 110	Introduction to Psychology	3
BIO 151	Anatomy and Physiology 1	4
XXX XXX Certificate		5
Electives 3		
Semester 4		
MCH 114	Law and Ethics for Healthcare	2
MCH 116	Cultural Competency for Health and Public Safety Professions	3
BIO 152	Anatomy and Physiology 2	4
PSY 200	Abnormal Psychology	3
XXX XXX Certificate		5
Electives 4		
Total Credits:		60

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:

Aquatic Group Fitness Instructor Certificate

HFT 128	Aquatic Group Fitness Instructor	4
---------	----------------------------------	---

Aquatic Personal Trainer Certificate

HFT 160	Aquatic Personal Trainer	2
---------	--------------------------	---

Coding Specialist Certificate

BIO 240	Pathophysiology	3
---------	-----------------	---

HIM 100	Introduction to Health Information Management	4
HIM 115	Clinical Abstracting of Health Data	2
HIM 125	CPT Coding	3
HIM 205	International Classification of Diseases (ICD) Coding	4
HIM 210	Healthcare Reimbursement Methodologies	3
HIM 215	Advanced Medical Coding	4
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 211	Paramedic Theory and Practice 1	12
EMS 212	Paramedic Theory and Practice 2	12
EMS 213	Paramedic Theory and Practice 3	12
Geriatric Activity Coordinator Certificate		
GAC 101	Activity Coordinator for Long Term Care 1	5
GAC 102	Activity Coordinator for Long Term Care 2	5
Group Fitness Instructor Certificate		
HFT 122	Group Fitness Instructor	4
Health and Fitness Special Populations Certificate		
HFT 164	Health and Fitness Training: Chronic Diseases and Conditions	3
HFT 168	Health and Fitness Training: Youth	3
HFT 172	Health and Fitness Training: Older Adults	3
HFT 176	Health and Fitness Training: Women's Health	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	Accelerated Medical Terminology	4
PSY 225	Lifespan Development	3
Medication Aide Certificate		
MCH 134	Medication Aide Training	6
Nurse Aide Training Certificate		
MCH 130	Nurse Aide Training	5
Orthopedic Technician Certificate		
ORTH 100	Anatomy and Physiology and Radiology for the Orthopedic Technician	5
ORTH 180	Orthopedic Clinical Practice	3
Patient Care Assistant Certificate		
MCH 132	Patient Care Assistant Training	3

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 110	Foundations of Practical Nursing	2
PN 121	Alterations in Health 1	6
PN 122	Alterations in Health 2	8
PN 180	Foundations of Practical Nursing Clinical	1
PN 181	Alterations in Health Clinical 1	2
PN 182	Alterations in Health Clinical 2	2
PN 185	Practical Nursing Role Transition	2

Resistance Training Certificate

HFT 124	Resistance Training Instructor	4
---------	--------------------------------	---

Restorative Aide Certificate

MCH 136	Restorative Aide Training	2
---------	---------------------------	---

Other healthcare certificates may be used with the prior permission of the Health Sciences Technology Program Chair