

Associate of Technical Studies - Law Enforcement

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: To enroll, a student must present proof of OPOTA certification.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
MAT-130	Intermediate Algebra for Statistics		2	2	3
PST-XXX	Public Safety Elective 1		3	0	3
XXX-XXX	Humanities Elective 1		3	0	3
XXX-XXX	Humanities Elective 2		3	0	3
PST-150	Law Enforcement Studies: Advanced Standing		30	0	30
					45
Semester 2					
XXX-XXX	Humanities Elective 3		3	0	3
XXX-XXX	Humanities Elective 4		3	0	3
PST-XXX	Public Safety Elective 2		3	0	3
MAT-131	Statistics 1	MAT 121, MAT 130, or MAT 150 or appro. test score	2	2	3
ENG-102	Composition and Argument	ENG 101	3	0	3
					15
Semester 3					
PST-120	Intelligence Analysis and Security Management		3	0	3
COMM-110	Public Speaking	ENG 101	3	0	3
PHI-110	Ethics	ENG 101	3	0	3
					9
					Total 69

Humanities Electives: (Choose 12 credits from the following courses)

ITP 101, ITP 102, PSY 110, PSY 220, SOC 105, SOC 200, SPN 101, SPN 102

Public Safety Elective: (Choose 6 credits from the following courses) PST 100, PST 110, PST 115, PST 130

Bioscience Technology

Health and Public Safety

2012-2013 Curriculum

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Program Prerequisite: IM 111.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
BSC-105	Laboratory Skills for Bioscience	BIO 111 or Program Chair consent	2	3	3
BSC-110	Biomufacturing Workplace Regulations		3	0	3
BIO-XXX	Biology Sequence Elective 1		3	2	4
					13
Semester 2					
BIO-XXX	Biology Sequence Elective 2		3	2	4
CHE-XXX	Chemistry Elective		3	3	4
BSC-115	Bioscience Laboratory Methods	See Catalog	2	3	3
MAT-151	College Algebra	MAT 150 or placement test score.	4	0	4
					15
Semester 3					
COMM-110	Public Speaking	ENG 101	3	0	3
XXX-XXX	Bioscience Elective		1	2	2
ENG-XXX	English Composition Elective	ENG 101	3	0	3
XXX-XXX	Humanities/ Social Science Elective 1		3	0	3
					11
Semester 4					
BSC-205	Molecular Genetics Laboratory	BSC 115, and MAT 121 or MAT 151	2	6	5
BSC-150	Scientific Literacy for Bioscience	ENG 101	2	0	2
IM-120	Electronic Spreadsheets: Microsoft Excel	See Catalog	2	3	3
CHE-XXX	Organic Chemistry Elective		3	3	4
					14
Semester 5					
XXX-XXX	Humanities/ Social Science Elective 2		3	0	3
MAT-XXX	Mathematics Elective		2	2	3
BIO-XXX	Advanced Biology Elective		3	0	3
BSC-210	Protein Purification and Analysis	BSC 115, and MAT 121 or MAT 151	2	6	5
					14
Semester 6					
BSC-XXX	Bioscience Experiential Learning Elective		0	4	2
					2
					Total 69

Biology Science Elective: BIO 111 and BIO 112, OR BIO 131 and BIO 132

(recommended for students planning to continue in a bachelor's degree science program)

Chemistry Elective: CHE 110, or CHE 121 and CHE 131

(recommended for students planning to continue in a bachelor's degree science program)

Mathematics Elective: MAT 131 or MAT 153

Advanced Biology Elective: BIO 115, BIO 250, BIO 260, BIO 270, BIO 275

Bioscience Experiential Learning Elective: BSC 280, BSC 191, BSC 291, BSC 294

Diagnostic Medical Sonography-Cardiovascular

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: BIO 152, DMS 100, MCH 101, MCH 138, PHY 110. Students must complete specific progression requirements.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
DMS-105	Principles of Sonography	DMS Program Chair consent	2	2	3
DMS-111	Sonographic Principles and Instrumentation 1	MAT 151 and DMS Program Chair consent	3	0	3
BIO-240	Pathophysiology	BIO 152 (minimum grade C)	3	0	3
MCH-141	Electrocardiography 1	BIO 111	2	2	3
					15
Semester 2					
BIO-210	Cross Sectional Anatomy	BIO 152 (minimum grade C)	1	2	2
DMS-112	Sonographic Principles and Instrumentation 2	DMS 111	2	0	2
ENG-102	Composition and Argument	ENG 101	3	0	3
DMSC-120	Cardiovascular Sonography	DMS 105, DMS 112 (min. grade C for both)	2	0	2
DMSC-121	Cardiovascular Sonography Scan Lab 1	DMS 105, DMS 112 (min. grade C for both)	0	6	3
					12
Semester 3					
DMSC-122	Cardiovascular Sonography Scan Lab 2	DMSC 121 (minimum grade C)	0	5	2
DMSC-131	Vascular Sonography 1	DMSC 120, DMSC 121 (min. grade C for both)	3	0	3
DMSC-141	Echocardiography 1	DMSC 120, DMSC 121 (min. grade C for both)	3	0	3
PSY-110	Introduction to Psychology	AFL 085 or appropriate placement test score	3	0	3
COMM-110	Public Speaking	ENG 101	3	0	3
					14
Semester 4					
DMSC-223	Cardiovascular Sonography Scan Lab 3	DMSC 122 (minimum grade C)	0	5	2
DMSC-232	Vascular Sonography 2	DMSC 131 (minimum grade C)	3	0	3
DMSC-242	Echocardiography 2	DMSC 141 (minimum grade C)	3	0	3
DMSC-281	Cardiovascular Clinical 1	See Catalog	0	24	3
PST-135	Disaster Preparedness for Healthcare Workers		2	0	2
					13
Semester 5					
DMS-255	Ethics and Medical Law in Sonography	See Catalog	1	0	1
DMSC-224	Cardiovascular Sonography Scan Lab 4	DMSC 223	0	2	1
DMSC-245	Cardiovascular Specialties	DMSC 232, DMSC 242 (minimum grade C for both)	1	2	2
DMSC-282	Cardiovascular Clinical 2	DMSC 281	0	32	4
CULT-105	Issues in Human Diversity	AFL 085 or appropriate placement test score	3	0	3
					11
Semester 6					
DMSC-250	Cardiovascular Registry Review	DMSC 245 (minimum grade C)	1	0	1
DMSC-283	Cardiovascular Clinical 3	DMSC 282	0	32	4
					5
Total					70

Diagnostic Medical Sonography-General Imaging

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: BIO 152, DMS 100, MCH 101, MCH 138, PHY 110. Students must complete specific progression requirements.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
DMS-105	Principles of Sonography	DMS Program Chair consent	2	2	3
DMS-111	Sonographic Principles and Instrumentation 1	MAT 151 and DMS Program Chair consent	3	0	3
BIO-240	Pathophysiology	BIO 152 (minimum grade C)	3	0	3
MCH-141	Electrocardiography I	BIO 111	2	2	3
					15
Semester 2					
BIO-210	Cross Sectional Anatomy	BIO 152 (min. grade C)	1	2	2
DMS-112	Sonographic Principles and Instrumentation 2	DMS 111	2	0	2
ENG-102	Composition and Argument	ENG 101	3	0	3
DMSG-120	General Imaging Sonography	DMS 105, DMS 112 (min. grade C for both)	2	0	2
DMSG-121	General Imaging Sonography Scan Lab 1	DMS 105, DMS 112 (min. grade C)	0	6	3
					12
Semester 3					
PSY-110	Introduction to Psychology	AFL 085 or appropriate placement test score	3	0	3
COMM-110	Public Speaking	ENG 101	3	0	3
DMSG-122	General Imaging Sonography Scan Lab 2	DMSG 121 (minimum grade C)	0	5	2
DMSG-131	Abdominal Sonography 1	DMSG 120, DMSG 121 (min. grade C for both)	3	0	3
DMSG-141	Obstetrics and Gynecology Sonography 1	DMSG 120, DMSG 121 (min. grade C for both)	3	0	3
					14
Semester 4					
DMSG-223	General Imaging Sonography Scan Lab 3	DMSG 122 (minimum grade C)	0	5	2
DMSG-232	Abdominal Sonography 2	DMSG 131 (minimum grade C)	3	0	3
DMSG-242	Obstetrics and Gynecology Sonography 2	DMSG 141 (minimum grade C)	3	0	3
DMSG-281	General Imaging Clinical 1	See Catalog	0	24	3
PST-135	Disaster Preparedness for Healthcare Workers		2	0	2
					13
Semester 5					
DMSG-224	General Imaging Sonography Scan Lab 4	DMSG 223	0	2	1
CULT-105	Issues in Human Diversity	AFL 085 or appropriate placement test score	3	0	3
DMS-255	Ethics and Medical Law in Sonography	See Catalog	1	0	1
DMSG-245	General Imaging Specialists	DMSG 232, DMSG 242 (minimum grade C for both)	1	2	2
DMSG-282	General Imaging Clinical 2	DMSG 281	0	32	4
					11
Semester 6					
DMSG-250	General Imaging Registry Review	DMSG 245 (minimum grade C)	1	0	1
DMSG-283	General Imaging Clinical 3	DMSG 282	0	32	4
					5
Total					70

EMT-Paramedic- Management Major

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: AFM 095 or appropriate placement test score, and EMS 110 or EMT-Basic Certification.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
MGT-101	Principles of Management		3	0	3
CULT-105	Issues in Human Diversity		3	0	3
ENG-101	English Composition		3	0	3
PSY-110	Introduction to Psychology		3	0	3
					12
Semester 2					
ENG-102	Composition and Argument	ENG 101	3	0	3
LBR-105	Introduction to Labor and Employee Relations	AFL 085 or placement test score	3	0	3
MGT-105	Human Resource Management		3	0	3
SOC-100	Survey of Social Issues		3	0	3
					12
Semester 3					
COMM-110	Public Speaking	ENG 101	3	0	3
EMS-120	Paramedic Anatomy and Physiology	See Catalog	3	0	3
FST-228	Legal Aspects of the Emergency Services	FST 100	3	0	3
PHI-110	Ethics	ENG 101	3	0	3
					12
Semester 4					
EMS-211	Paramedic Theory and Practice 1	EMS 120, EMS 200	8	8	12
					12
Semester 5					
EMS-212	Paramedic Theory and Practice 2	EMS 211	8	8	12
					12
Semester 6					
EMS-213	Paramedic Theory and Practice 3	EMS 212	8	8	12
					12
Total					72

EMT Paramedic-Science Major

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: AFM 095 or appropriate placement test score, and EMS 110 or EMT-basic Certification.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
BIO-151	Anatomy and Physiology 1		3	2	4
CULT-105	Issues in Human Diversity		3	0	3
ENG-101	English Composition		3	0	3
PSY-110	Introduction to Psychology		3	0	3
					13
Semester 2					
BIO-152	Anatomy and Physiology 2	BIO 151 (min grade C)	3	2	4
BIO-220	Microbiology	BIO 132 or BIO 151 (min grade C for either)	2	3	3
ENG-102	Composition and Argument	ENG 101	3	0	3
SOC-105	Introduction to Sociology	AFL 085 or appropriate placement score	3	0	3
					13
Semester 3					
BIO-230	Pharmacology	BIO 152 (min grade C)	3	0	3
EMS-211	Paramedic Theory and Practice 1	EMS 120, EMS 200 (min grade C for both)	8	8	12
					15
Semester 4					
BIO-240	Pathophysiology	BIO 152 (min grade C)	3	0	3
EMS-212	Paramedic Theory and Practice 2	EMS 211	8	8	12
					15
Semester 5					
COMM-110	Public Speaking	ENG 101	3	0	3
EMS-213	Paramedic Theory and Practice 3	EMS 212	8	8	12
					15
Total					71

Fire Service Technology

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: AFM 095 or appropriate placement test score.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
FST-100	Fire Cadet Fundamentals	See Catalog	2	2	3
ENG-101	English Composition		3	0	3
FST-105	Fire Cadet Physical Preparedness		1	2	2
FST-123	Principles of Emergency Services		3	0	3
					11
Semester 2					
ENG-102	Composition and Argument	ENG 101	3	0	3
FST-120	Fire Behavior and Combustion	See Catalog	2	0	2
FST-141	Firefighter 1	FST 100	3	6	5
FST-XXX	Fire Service Elective 1		3	0	3
					13
Semester 3					
COMM-110	Public Speaking	ENG 101	3	0	3
FST-126	Fire Protection Systems	See Catalog	2	0	2
FST-129	Fire Prevention	See Catalog	3	0	3
FST-142	Firefighter 2	FST 141	3	6	5
					13
Semester 4					
FST-228	Legal Aspects of the Emergency Services	FST 100	3	0	3
EMS-110	Emergency Medical Technician Theory and Practice	See Catalog	5	4	7
PSY-110	Introduction to Psychology	AFL 085 or placement test score	3	0	3
					13
Semester 5					
FST-223	Principles of Fire and Emergency Services Safety and Survival	FST 142	2	0	2
FST-226	Building Construction for Fire Protection	FST 141	3	0	3
FST-XXX	Fire Service Elective 2		3	0	3
PHY-105	Fire Service Physics	See Catalog	1	3	2
FST-XXX	Fire Service Elective 3		2	0	2
					12
Semester 6					
FST-294	Internship 1: Fire Service Technology	FST 142 (min grade C)	1	40	2
XXX-XXX	Health and Wellness Elective		2	0	2
PHI-110	Ethics	ENG 101	3	0	3
SPN-100	Spanish for the Professions		2	0	2
					9
					Total 71

Fire Service Electives: (Choose 8 credits from the following courses)

FST 103, FST 107, FST 108, FST 110, FST 116, FST 121,
 FST 124, FST 153, FST 158, FST 161, FST 164, FST 206,
 FST 210, FST 218, FST 222, FST 225, FST 229, FST 236,
 FST 258, FST 263, FST 268

Health and Wellness Elective: DT 120, MCH 106, MCH 116

Fire Service Leadership

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: AFM 095 or appropriate placement test score, and minimum 5 years firefighter experience.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
FST-123	Principles of Emergency Services		3	0	3
FST-161	Fire Officer 1	FST 142	2	2	3
					9
Semester 2					
ENG-102	Composition and Argument	ENG 101	3	0	3
PHI-110	Ethics	ENG 101	3	0	3
FST-120	Fire Behavior and Combustion	See Catalog	2	0	2
FST-162	Fire Officer 2	FST 161	2	2	3
FST-265	Fire Service Instructor	FST 142 and instructor consent	2	3	3
					14
Semester 3					
XXX-XXX	General Elective 1		3	0	3
XXX-XXX	General Elective 2		3	0	3
XXX-XXX	General Elective 3		2	0	2
COMM-110	Public Speaking	ENG 101	3	0	3
FST-129	Fire Prevention	See Catalog	3	0	3
					14
Semester 4					
XXX-XXX	Management Elective 1		3	0	3
PSY-110	Introduction to Psychology	AFL 085 or placement test score	3	0	3
PST-110	Introduction to Homeland Security		3	0	3
XXX-XXX	Law Elective		3	0	3
					12
Semester 5					
XXX-XXX	FST/EMS Elective 1		3	0	3
XXX-XXX	FST/EMS Elective 2		2	0	2
FST-223	Principles of Fire and Emergency Services Safety and Survival	FST 142	2	0	2
FST-226	Building Construction for Fire Protection	FST 141	3	0	3
					10
Semester 6					
FST-126	Fire Protection Systems	See Catalog	2	0	2
SPN-100	Spanish for the Professions		2	0	2
XXX-XXX	FST/EMS Elective 3		3	0	3
XXX-XXX	FST/EMS Elective 4		2	0	2
XXX-XXX	Management Elective 2		3	0	3
					12
Total					71

Law Elective: FST 228, LAW 101

General Electives: (Choose 8 credits from the following courses)

BUS 110, COMM 105, IM 111, IM 120, IM 140, MCH 106,

MCH 116, PST 115, PST 130, PST 135

Management Electives: (Choose 6 credits from the following courses)

MGT 100, MGT 105, MGT 220, PST 100

FST/EMS Electives: (Choose 10 credits from the following courses) EMS 110,

FST 103, FST 107, FST 108, FST 110, FST 116, FST 121, FST 124, FST 141, FST 142,

FST 153, FST 158, FST 163, FST 164, FST 210, FST 218, FST 222, FST 225,

FST 229, FST 236, FST 258, FST 263, FST 268

Health and Fitness Technology

Health and Public Safety

2012-2013 Curriculum

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

Course	Title	Prerequisites	Lec	Lab	Credit Hours
Semester 1					
ENG 101	English Composition		3	0	3
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
HFT-130	Foundations of Health and Wellness Programs		2	2	3
XXX-XXX	Humanities/ Social Sciences Elective 1		3	0	3

13

Semester 2

ENG-102	Composition and Argument	ENG 101	3	0	3
BIO-152	Anatomy and Physiology 2	BIO 151 (minimum grade C)	3	2	4
XXX-XXX	Business Elective 1		3	0	3
PE-XXX	Physical Education Elective 1		0	2	1
DT-120	Nutrition for a Healthy Lifestyle	See Catalog	3	0	3

14

Semester 3

XXX-XXX	Business Elective 2		3	0	3
XXX-XXX	Humanities/ Social Sciences Elective 2		3	0	3
XXX-XXX	Business Elective 3		3	0	3

9

Semester 4

COMM 110	Public Speaking	ENG 101	3	0	3
PE-XXX	Physical Education Elective 2		0	2	1
XXX-XXX	Health and Fitness Elective 1		4	0	4
XXX-XXX	Health and Fitness Elective 2		4	0	4
HFT-250	Exercise Physiology	BIO 152, ENG 101, HFT 130 (min. grade C for all)	3	2	4
BUS-190	Professional Practices		1	0	1

17

Semester 5

XXX-XXX	Health and Fitness Elective 3		2	0	2
HFT-260	Health and Fitness Program Design	HFT 130, HFT 250 (min. grade C for both)	3	2	4
HFT-294	Internship 1: Health and Fitness Technology	HFT 250, HFT 260, BUS 190 (min. grade C for all)	1	40	2

8

Total **61**

Humanities/Social Sciences Electives: (Choose 6 credits from at least two different subject areas) Any ART, CULT, ECO, GEO, HST, LBR, LIT, MUS, PHI, POL, PSY, SOC

Business Electives: (Choose 9 credits from at least two different subject areas)
Any ACC, MGT, MKT

Physical Education Electives: Any PE

Health and Fitness Electives: (Choose 10 credits from the following courses) HFT 100, HFT 102, HFT 104, HFT 108, HFT 116, HFT 120, HFT 122, HFT 124, HFT 128, HFT 151, HFT 152, HFT 156, HFT 160, HFT 164, HFT 168, HFT 172, HFT 176, HFT 180, HFT 182, DT 105, DT 110, DT 120, DT 125

Health Information Management

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: IM 111

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
HIM-100	Introduction to Health Information Management	See Catalog	4	0	4
HIM-105	Legal Aspects of Health Information Management	See Catalog	2	0	2
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
MCH-104	Accelerated Medical Terminology		4	0	4
					14
Semester 2					
BIO-152	Anatomy and Physiology 2	BIO 151 (min grade C)	3	2	4
IM-140	Electronic Database Management: Microsoft Access	See Catalog	2	2	3
HIM-110	Health Data Analysis and Presentation	HIM 100 (min grade C)	3	0	3
HIM-115	Clinical Abstracting of Health Data	See Catalog	2	0	2
					12
Semester 3					
HIM-120	Health Information Technology Systems	HIM 105 (min grade C)	3	0	3
HIM-125	CPT Coding	BIO 152, HIM 115 (min grade C for both)	3	0	3
ENG-101	English Composition	AFL 085 or appropriate placement test score.	3	0	3
BIO-240	Pathophysiology	BIO 152 (min grade C)	3	0	3
					12
Semester 4					
ENG-XXX	English Composition Elective	ENG 101	3	0	3
XXX-XXX	Humanities/Social Sciences Elective 1		3	0	3
HIM-205	ICD-10-CM and ICD-10-PCS Coding	BIO 240, HIM 115 (min grade C for both)	4	0	4
HIM-210	Healthcare Reimbursement Methodologies	HIM 125 (min grade C)	3	0	3
					13
Semester 5					
HIM-215	Advanced Medical Coding	HIM 205, HIM 210 (min grade C for both)	4	0	4
HIM-200	Quality Assessment and Department Management for HIM	HIM 110 (min grade C)	4	0	4
HIM-280	HIM Professional Practice	HIM 120, HIM 205, HIM 210 (min. grade C for all)	0	4	2
COMM-XXX	Communications Elective		3	0	3
					13
Semester 6					
XXX-XXX	Humanities/Social Sciences Elective 2		3	0	3
HIM-220	HIM Certification Exam Review	HIM 200, HIM 215, HIM 280 (min grade C for all)	3	0	3
					6
					Total 70

English Composition Elective: ENG 104, ENG 105

Humanities/Social Sciences Electives: (Choose 6 credits from at least two different subject areas) Any ART, CULT, ECO, GEO, HST, LBR, LIT, MUS, PHI, POL, PSY, SOC

Communications Elective: COMM 105, COMM 110

Health Information Technology-Healthcare Programming and Analysis

Health and Public Safety

2012-2013 Curriculum

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

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
HIT-100	Language and Culture of Healthcare		3	0	3
IT-110	HTML with CSS and JavaScript		3	3	4
IT-111	Database Design and SQL 1		3	3	4
IT-101	.NET Programming 1		2	3	3
CIT-190	Career Preparation: Engineering and Information Technologies		1	0	1
					15

Semester 2					
IT-102	.NET Programming 2	IT 101	3	3	4
BPA-130	Business System Analysis and Design	See Catalog	2	3	3
HIT-105	Information Technology Systems in Healthcare	HIT 100	3	0	3
MCH-104	Accelerated Medical Terminology	See Catalog	4	0	4
ENG-101	English Composition	AFL 085 or test score	3	0	3
					17

Semester 3					
		HIT 105, IT 111, BPA 130, CIT 190 (min. grade C for all)			
HIT-291	Full-time Cooperative Education 1: HIT		1	40	2
HIT-210	Healthcare Reimbursement	HIT 105	3	0	3
					5

Semester 4					
HIT-215	Healthcare Programming	HIT 105	3	0	3
COMM-XXX	Communications Elective		3	0	3
IT-112	Database Design and SQL 2	IT 111	3	3	4
IT-161	Java Programming I	IT 101	3	3	4
IT-210	System Design and Implementation	BPA 130	2	3	3
					17

Semester 5					
HIT-292	Full-Time Cooperative Education 2: HIT	HIT 291	1	40	2
					2

Semester 6					
MAT-130	Intermediate Algebra for Statistics	See Catalog	2	2	3
IT-162	Java Programming 2	IT 161	3	3	4
ECO-XXX	Economics Elective		3	0	3
ENG-XXX	English Composition Elective	ENG 101	3	0	3
PSY-XXX	Psychology Elective		3	0	3
					16

Total 72

Communications Elective: COMM 105, COMM 110

English Composition Elective: ENG 104, ENG 105

Economics Elective: Any ECO

Psychology Elective: Any PSY

Health Information Technology-Healthcare Informatics

Health and Public Safety

2012-2013 Curriculum

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

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
HIT-100	Language and Culture of Healthcare		3	0	3
IT-110	HTML with CSS and JavaScript		3	3	4
IT-111	Database Design and SQL 1		3	3	4
IT-101	.NET Programming 1		2	3	3
CIT-190	Career Preparation: Engineering and Information Technologies		1	0	1
					15

Semester 2					
BPA-130	Business System Analysis and Design	See Catalog	2	3	3
HIT-105	Information Technology Systems in Healthcare	HIT 100	3	0	3
MCH-104	Accelerated Medical Terminology	See Catalog	4	0	4
ENG-101	English Composition	AFL 085 or placement test score	3	0	3
MAT-130	Intermediate Algebra for Statistics	See Catalog	2	2	3
					16

Semester 3					
HIT-210	Healthcare Reimbursement	HIT 105	3	0	3
HIT-291	Full-Time Cooperative Education 1: HIT	HIT 105, IT 111, BPA 130, CIT 190 (minimum grade C for all)	1	40	2
					5

Semester 4					
COMM-XXX	Communications Elective		3	0	3
IT-112	Database Design and SQL 2	IT 111	3	3	4
IT-210	System Design and Implementation	BPA 130	2	3	3
MAT-131	Statistics 1	See Catalog	2	2	3
CPDM-145	Data Reporting	IT 101, IT 110, IT 111	3	3	4
					17

Semester 5					
HIT-292	Full-Time Cooperative Education 2: HIT	HIT 291	1	40	2
					2

Semester 6					
ECO-XXX	Economics Elective		3	0	3
PSY-XXX	Psychology Elective		3	0	3
ENG-104	Composition and Technical Communication	ENG 101 & 8 tech. credits	3	0	3
HIT-220	HIT in the Continuum of Care	HIT 105	3	0	3
HIT-225	Data Mining	HIT 105, IT 112, MAT 131	2	0	3
					15

Total

70

Communications Elective: COMM 105, COMM 110

Economics Elective: Any ECO

Psychology Elective: Any PSY

Multicompetency Health Technology

Health and Public Safety

2012-2013 Curriculum

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

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ENG-101	English Composition		3	0	3
PST-135	Disaster Preparedness for Healthcare Workers		2	0	2
MCH-100	Healthcare Informatics	See Catalog	2	0	2
MCH-101	Medical Terminology 1		2	0	2
XXX-XXX	Certificate Electives 1		0	0	5
					14
Semester 2					
XXX-XXX	Certificate Electives 2		0	0	5
MCH-102	Medical Terminology 2	MCH 101 (minimum grade C)	2	0	2
MCH-138	Patient Care Skills		1	3	2
ENG-102	Composition and Argument	ENG 101	3	0	3
COMM-110	Public Speaking	ENG 101	3	0	3
					15
Semester 3					
PSY-110	Introduction to Psychology	AFL 085 or appropriate placement test score	3	0	3
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
EMS-100	CPR and First Aid for the Health Care Professional		1	0	1
XXX-XXX	Certificate Electives 3		0	0	5
					13
Semester 4					
XXX-XXX	Certificate Electives 4		0	0	5
MCH-114	Law and Ethics for Healthcare	AFL 085 or appropriate placement test score	2	0	2
MCH-116	Cultural Competency for HPS Professions	ENG 101	3	0	3
BIO-152	Anatomy and Physiology 2	BIO 151 (min. grade C)	3	2	4
PSY-200	Abnormal Psychology	PSY 110	3	0	3
					17
Total					59

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 MCH degree:

- Aquatic Group Fitness Instructor Certificate: HFT 128
 - Aquatic Personal Trainer Certificate: HFT 160
 - Coding Specialist Certificate: BIO 240, HIM 100, HIM 115, HIM 125, HIM 205, HIM 210, HIM 215
 - Community Health Worker Certificate: CHW 100, CHW 180, MCH 106
 - Electrocardiography (Basic) Certificate: MCH 141
 - Electrocardiography (Advanced) - Arrhythmia Recognition Certificate: MCH 142
 - Emergency Medical Technician Basic Certificate: EMS 110
 - Emergency Medical Technician Paramedic Certificate: EMS 211, EMS 212, EMS 213
 - Geriatric Activity Coordinator Certificate: GAC 101, GAC 102
 - Group Fitness Instructor Certificate: HFT 122
 - Health and Fitness Special Populations Certificate: HFT 164, HFT 168, HFT 172, HFT 176
 - Health Unit Coordinator Certificate: MCH 110, MCH 120
 - Medical Assistant Certificate: BIO 117, MA 100, MA 105, MA 110, MA 115, MA 120, MA 125, MCH 104, PSY 225
 - Medication Aide Certificate: MCH 134
 - Nurse Aide Training Certificate: MCH 130
 - Orthopedic Technician Certificate: ORTH 100, ORTH 180
 - Patient Care Assistant Certificate: MCH 132
 - Personal Fitness Trainer Certificate: HFT 151, HFT 152, HFT 156, HFT 182
 - Pilates Mat Instructor Certificate: HFT 116, HFT 180
 - Practical Nursing Certificate: PN 110, PN 121, PN 122, PN 180, PN 181, PN 182, PN 185
 - Resistance Training Certificate: HFT 124
 - Restorative Aide Certificate: MCH 136
- Other healthcare certificates may be used with the prior permission of the Multicompetency Health Technology program chair

Medical Laboratory Technology

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisites: CHE 110 and MAT 150.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
MLT-100	Introduction to Medical Laboratory Analysis	MAT 150 & Program Chair consent	3	6	5
ENG-101	English Composition		3	0	3
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
CHE-111	Bio-Organic Chemistry	CHE 110 (minimum grade C)	3	3	4
MLT-121	Hematology and Hemostasis 1	MAT 150 & Program Chair consent	3	3	4
					20
Semester 2					
BIO-152	Anatomy and Physiology 2	BIO 151 (min grade C)	3	2	4
MLT-122	Hematology and Hemostasis 2	MLT 121	2	3	3
ENG-102	Composition and Argument	ENG 101	3	0	3
MLT-170	Instrumentation for Medical Laboratory Technicians	MLT 100 and MLT 120	0	3	1
MLT-140	Clinical Chemistry	MLT 100 and MLT 120	2	3	3
MLT-180	Phlebotomy Techniques and Practice for MLT Technicians	MLT 100 and MLT 120	0	6	2
					16
Semester 3					
MLT-185	Clinical Laboratory Practice	MLT 140 and MLT 180	0	30	6
					6
Semester 4					
MLT-210	Clinical Immunology and Serology	MLT 185	2	3	3
MLT-250	Immunohematology	MLT 185	3	6	5
PSY-110	Introduction to Psychology	AFL 085 or placement test score	3	0	3
COMM-105	Interpersonal Communication	AFL 085 or placement test score	3	0	3
MLT-191	Part-time Cooperative Education 1: MLT	MLT 185 (minimum grade C)	1	20	1
					15
Semester 5					
MLT-192	Part-time Cooperative Education 2: MLT	MLT 191	1	20	1
XXX-XXX	Humanities/Social Sciences Elective		3	0	3
MLT-260	Clinical Microbiology	MLT 250	3	9	6
MLT-270	Medical Laboratory Seminar	MLT 210, MLT 250 (min grade C for both)	0	3	1
BIO-240	Pathophysiology	BIO 152 (min grade C)	3	0	3
					14
Total					71

Humanities/Social Sciences Elective: Any ART, CULT, ECO, GEO, HST, LBR, LIT, MUS, PHI, POL, SOC

Nursing
Health and Public Safety
 2012-2013 Curriculum

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

Program Prerequisites: Students seeking admission to the Nursing program must complete specific progression requirements. Students should meet with their academic advisor to discuss progression eligibility and deadlines.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
NUR-101	Nursing Concepts 1	See Catalog	3	0	3
PSY-110	Introduction to Psychology		3	0	3
ENG-101	English Composition		3	0	3
MCH-100	Healthcare Informatics	See Catalog	2	0	2
					15
Semester 2					
ENG-102	Composition and Argument	ENG 101	3	0	3
BIO-152	Anatomy and Physiology 2	BIO 151 (minimum grade C)	3	2	4
NUR-102	Nursing Concepts 2	See Catalog	3	9	6
					13
Semester 3					
NUR-103	Nursing Concepts 3	See Catalog	7	12	11
BIO-220	Microbiology	BIO 132 or BIO 151 (min. grade C for either)	2	3	3
					14
Semester 4					
NUR-201	Nursing Concepts 4	See Catalog	8	15	13
COMM-XXX	Communications Elective		3	0	3
					16
Semester 5					
SOC-105	Introduction to Sociology	AFL 085 or placement test score	3	0	3
NUR-202	Nursing Concepts 5	See Catalog	6	9	9
					12
Total					70

Communications Elective: COMM 105, COMM 110

Occupational Therapy Assistant
Health and Public Safety
 2012-2013 Curriculum

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

Program Prerequisites: OTA 100

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
OTA-101	Professionalism in Occupational Therapy	OTA 100 (minimum grade C)	0	2	1
OTA-105	Theory of Occupational Therapy	OTA 100 (minimum grade C)	3	0	3
OTA-106	Techniques of Occupational Therapy	OTA 100 (minimum grade C)	1	2	2
BIO-151	Anatomy and Physiology I	See Catalog	3	2	4
ENG-101	English Composition		3	0	3
PSY-110	Introduction to Psychology		3	0	3
					16
Semester 2					
PSY-225	Lifespan Development	PSY 110	3	0	3
OTA-110	Concepts and Skills of Occupational Therapy: Psychosocial	OTA 101, OTA 105, OTA 106 (min. grade C for all)	2	0	2
OTA-111	Therapeutic Media for Occupational Therapy: Psychosocial	OTA 101, OTA 105, OTA 106 (min. grade C for all)	0	4	2
OTA-120	Concepts and skills of Occupational Therapy: Infant	OTA 101, OTA 105, OTA 106 (min. grade C for all)	2	0	2
OTA-121	Therapeutic Media for Occupational Therapy: Infant	OTA 101, OTA 105, OTA 106 (min. grade C for all)	0	4	2
OTA-180	Occupational Therapy Assisting Level I Fieldwork 1	OTA 101, OTA 105, OTA 106 (min. grade C for all)	1	5	2
OTA-185	Occupational Therapy Assisting Level I Fieldwork 2	OTA 101, OTA 105, OTA 106 (min. grade C for all)	1	5	2
					15
Semester 3					
SOC-105	Introduction to Sociology	AFL 085 or appropriate placement score	3	0	3
MCH-100	Healthcare Informatics	See Catalog	2	0	2
COMM-XXX	Communications Elective		3	0	3
BIO-152	Anatomy and Physiology 2	BIO 151 (minimum grade C)	3	2	4
ENG-102	Composition and Argument	ENG 101	3	0	3
					15
Semester 4					
OTA-280	Occupational Therapy Assisting Level I Fieldwork 3	OTA 180 (minimum grade C)	1	5	2
OTA-230	Concepts and Skills of Occupational Therapy: Physical Disabilities	OTA 110, OTA 120, OTA 180, OTA 185 (min. grade C for all)	4	0	4
OTA-231	Therapeutic Media for Occupational Therapy: Physical Disabilities	OTA 111 and OTA 121 (minimum grade C for both)	0	6	3
OTA-233	Kinesiology for Occupational Therapy	OTA 110 and OTA 120 (minimum grade C for both)	2	2	3
OTA-238	Home Modifications and Assistive Technology for Occupational Therapy	OTA 110, OTA 120 (minimum grade C for both)	0	2	1
					13
Semester 5					
OTA-245	Therapeutic Media Analysis for Occupational Therapy	OTA 230, OTA 231, OTA 233 (min. grade C for all)	0	4	2
OTA-283	Occupational Therapy Assisting Level II Fieldwork I	OTA 240 and OTA 245 (minimum grade C for both)	0	22	4
OTA-240	Fundamentals of Occupational Therapy Practice	OTA 230, OTA 231, OTA 233 (min. grade C for all)	2	0	2
					8
Semester 6					
OTA-285	Occupational Therapy Assisting Level II Fieldwork 2	OTA 240 and OTA 245 (minimum grade C for both)	0	22	4
					4
					Total 71

Communications Elective: COMM 105, COMM 110, COMM 205

Public Safety Technology
Health and Public Safety
 2012-2013 Curriculum

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

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
MAT-150	Intermediate Algebra		5	0	5
PST-100	Survey of Public Safety Issues		3	0	3
XXX-XXX	Humanities/Social Sciences Elective 1		3	0	3
ENG-101	English Composition		3	0	3
XXX-XXX	Humanities/Social Sciences Elective 2		3	0	3
					17

Semester 2					
XXX-XXX	Humanities/Social Sciences Elective 3		3	0	3
XXX-XXX	Humanities/Social Sciences Elective 4		3	0	3
ENG-102	Composition and Argument	ENG 101	3	0	3
MAT-131	Statistics I	See Catalog	2	2	3
PST-110	Introduction to Homeland Security		3	0	3
					15

Semester 3					
PST-115	Introduction to Terrorist Groups		3	0	3
PST-120	Intelligence Analysis and Security Management		3	0	3
COMM-110	Public Speaking	ENG 101	3	0	3
PHI-110	Ethics	ENG 101	3	0	3
					12

Semester 4					
LAW-101	Business Law		3	0	3
MGT-101	Principles of Management		3	0	3
PST-210	Public Safety Budgeting and Finance		3	0	3
PST-205	Transportation Security		3	0	3
					12

Semester 5					
PST-130	Public Safety Communication Practices		3	0	3
MGT-110	Employee Compensation and Benefits	MGT 105	3	0	3
MGT-220	Leadership	MGT 100 or MGT 101	3	0	3
PST-29X	Public Safety Technology Experiential Learning Elective	PST 100 (minimum grade C)	1	40	2
					11

Total **67**

Humanities/Social Sciences Electives: (Choose 12 credits from the following courses)
 ITP 101, ITP 102, PSY 110, PSY 200, PSY 220, SOC 105, SPN 101, SPN 102
 Experiential Learning Elective: PST 291, PST 294

Respiratory Care Technology

Health and Public Safety

2012-2013 Curriculum

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

Program Prerequisite: PHY 110 or high school physics within the last seven years.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
RT-100	Introduction to Respiratory Care	Program Chair consent	1	0	1
RT-101	Respiratory Care Science 1	Program Chair consent	3	2	4
RT-172	Cardiopulmonary Anatomy and Physiology	Program Chair consent	3	2	4
BIO-151	Anatomy and Physiology 1	See Catalog	3	2	4
ENG-101	English Composition		3	0	3
					16

Semester 2					
BIO-152	Anatomy and Physiology 2	BIO 151 (min. grade C)	3	2	4
BIO-220	Microbiology	BIO 132 or BIO 151 (min. grade C for either)	2	3	3
RT-111	Respiratory Care Clinical Practice 1	RT 100, RT 101, RT 172 (min. grade C for all)	1	8	2
RT-173	Cardiopulmonary Disease	RT 100, RT 101, RT 172 (min. grade C for all)	3	2	4
RT-102	Respiratory Care Science 2	RT 100, RT 101, RT 172 (min. grade C for all)	3	2	4
					17

Semester 3					
RT-103	Mechanical Ventilation	RT 102, RT 111, RT 173 (min. grade C for all)	3	2	4
RT-112	Respiratory Care Clinical Practice 2	RT 102, RT 111, RT 173 (min. grade C for all)	1	16	2
BIO-230	Pharmacology	BIO 152 (min. grade C)	3	0	3
ENG-102	Composition and Argument	ENG 101	3	0	3
COMM-XXX	Communications Elective		3	0	3
					15

Semester 4					
MAT-XXX	Mathematics Elective		3	0	3
XXX-XXX	Social Science Elective		3	0	3
BIO-240	Pathophysiology	BIO 152 (min grade C)	3	0	3
RT-211	Respiratory Clinical Practice 3	RT 103, RT 112 (min grade C for both)	1	16	2
RT-201	Advanced Respiratory Critical Care	RT 103, RT 112 (min grade C for both)	3	0	3
RT-202	Specialties in Respiratory Care	RT 103, RT 112 (min grade C for both)	2	0	2
					16

Semester 5					
RT-203	Respiratory Care Seminar	RT 201, RT 202, RT 211 (min grade C for all)	1	2	2
RT-212	Respiratory Clinical Practice 4	RT 201, RT 202, RT 211 (min grade C for all)	1	16	2
XXX-XXX	Humanities Elective		3	0	3
RT-204	Respiratory Care Capstone	RT 201, RT 202, RT 211 (min grade C for all)	0	2	1
					8

Total **72**

Communications Elective: COMM 105, COMM 110

Mathematics Elective: MAT 131, MAT 151

Social Science Elective: Any ECO, LBR, POL, PSY, SOC

Humanities Elective: Any ART, HST, LIT, MUS

Surgical Technology
Health and Public Safety
 2012-2013 Curriculum

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

Program Prerequisites: ST 100, BIO 151, BIO 220, PHY 110, and MCH 101 (minimum grade C for all). Students seeking admission to the Surgical Technology program must complete specific progression requirements. Students should meet with their academic advisor to discuss progression eligibility and deadlines.

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
ST-111	Surgical Principles and Practice 1		1	3	2
ST-101	Surgical Foundations and Procedures 1		8	0	8
BIO-152	Anatomy and Physiology 2		3	2	4
MCH-100	Healthcare Informatics		2	0	2
					16
Semester 2					
PST-135	Disaster Preparedness for Healthcare Workers		2	0	2
ST-102	Surgical Foundations and Procedures 2	BIO 152, ST 101, (min grade C for both), ST 111	8	0	8
ST-112	Surgical Principles and Practice 2	ST 101 (min grade C), ST 111	1	3	2
ST-181	Surgical Technology Clinical Skills Application 1	ST 101 (min grade C), ST 111	1	5	3
					15
Semester 3					
ST-201	Advanced Surgical Procedures 1	ST 102 (min grade C), ST 112, ST 181	5	0	5
XXX-XXX	Humanities/Social Sciences Elective 1		3	0	3
ST-182	Surgical Technology Clinical Skills Application 2	ST 102 (min grade C), ST 112, ST 181	0	6	2
ENG-101	English Composition	AFL 085 or appropriate placement test score	3	0	3
					13
Semester 4					
ENG-102	Composition and Argument	ENG 101	3	0	3
ST-202	Advanced Surgical Procedures 2	ST 201 (min grade C), ST 182	5	0	5
ST-281	Surgical Technology Clinical Directed Practice 1	ST 201 (min grade C), ST 182	1	30	6
					14
Semester 5					
ST-282	Surgical Technology Clinical Directed Practice 2	ST 202 (min grade C), ST 281	1	30	6
COMM-105	Interpersonal Communication	AFL 085 or appropriate placement test score	3	0	3
XXX-XXX	Humanities/Social Sciences Elective 2		3	0	3
					12
Total					70

Humanities/Social Science Elective: (Choose 6 credits from two different subject areas):
 ART, CULT, ECO, GEO, HST, LBR, LIT, MUS, PHI, POL, PSY, SOC