

HEALTH SERVICES TECHNOLOGY

Medical Coding Option or Pharmacy Technician Option

	HLT	MCDE	PHRM
Datatel Program Code	HLT.AAS	HLTMC.AAS	HLTPH.AAS
COTC Major Number	005100	005110	005120
CIP Code	51.0000	51.0713	51.0805

A grade of C (2.00) or better is required for all Technology courses listed on this Plan of Study for the credit hours to count toward meeting graduation requirements in Health Services Technology.

The student who successfully completes the courses listed below on this Plan of Study will earn an Associate of Applied Science Degree in Health Services Technology.

KEY:

- * Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page
- NT - Indicates this course fulfills a Non-Technical Course Requirement on this Plan of Study for Both Options - Medical Coding or Pharmacology Technician
- NT Elec - Indicates Elective Choice in the Non-Technical course requirement category on this Plan of Study for Both Options - Medical Coding or Pharmacology Technician
- T - Indicates this course fulfills a Technical Course Requirement on this Plan of Study for Both Options - Medical Coding or Pharmacology Technician
- T MCDE - Indicates this course fulfills a Technical Course Requirement on this Plan of Study for Medical Coding Option Only
- T PHRM - Indicates this course fulfills a Technical Course Requirement on this Plan of Study for Pharmacology Technician Option Only
- T Elec - Indicates Elective Choice in the Technical course requirement category on this Plan of Study for Both Options - Medical Coding or Pharmacology Technician

TAG, C-TAG, OTM - Designation in this column indicates this course has been approved by the Ohio Board of Regents as a Transfer Assurance Guide (TAG), Career Technical Assurance Guide (C-TAG), or Ohio Transfer Module (OTM) course. Please follow this link on the COTC web site for more information: <http://www.cotc.edu/current-students/tags-transfer-module/Pages/index.aspx>

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
SEMESTER 1 - AUTUMN								
BIO-110	Medical Terminology	2.00	2.00	T	SM,AU,SP	TAG	BIO-1760	2.00
* ENGL-112	Composition I	3.00	4.00	NT	SM,AU,SP	OTM	COM-1535	4.00
* PSY-100	Introduction to Psychology	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1376	5.00
	Non-Technical Elective - CHEMISTRY	4.00	5.00	NT ELEC	SEE CHOICES LISTED BELOW			
	Non-Technical Elective - MATHEMATICS	3.00	3.00	NT ELEC	SEE CHOICES LISTED BELOW			
	MEDICAL CODING OPTION - TOTAL CREDIT & CONTACT HOURS	15.00	17.00					
	PHARMACOLOGY TECHNICIAN OPTION - TOTAL CREDIT & CONTACT HOURS	15.00	17.00					
SEMESTER 2 - SPRING								
* BIO-130	Anatomy & Physiology I	4.00	5.00	NT	SM,AU,SP	-----	BIO-1772	6.00
* ENGL-113	Composition II	3.00	4.00	NT	SM,AU,SP	OTM	COM-1536	4.00
	Non-Technical Elective - ARTS & HUMANITIES	3.00	3.00	NT ELEC	SEE CHOICES LISTED BELOW			
	Non-Technical Elective - LAB SCIENCE	3.00	4.00	NT ELEC	SEE CHOICES LISTED BELOW			
	MEDICAL CODING OPTION - TOTAL CREDIT & CONTACT HOURS	13.00	16.00					
	PHARMACOLOGY TECHNICIAN OPTION - TOTAL CREDIT & CONTACT HOURS	13.00	16.00					

The College Reserves the Right to Change Curricula Without Notice.

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SEMESTER 3 - SUMMER									
* BIO-131	Anatomy & Physiology II	4.00	5.00	NT	SM,AU,SP	----	BIO-1773	6.00	
BUS-110	Introduction to Management	3.00	3.00	T	SP	----	BMT-2021	4.00	
NURS-001	Basic Health Care Skills	3.50	5.50	T	SM,AU,SP	----	NUR-4015	5.00	
MEDICAL CODING OPTION - TOTAL CREDIT & CONTACT HOURS		10.50	13.50						
PHARMACOLOGY TECHNICIAN OPTION - TOTAL CREDIT & CONTACT HOURS		10.50	13.50						
SEMESTER 4 - AUTUMN									
BUS-105	Introduction to Business	3.00	3.00	T	AU	----	BMT-2014	4.00	
SOC-100	Introduction to Sociology	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1382	3.00	
	Non-Technical Elective - SPEECH	3.00	3.00	NT ELEC	SEE CHOICES LISTED BELOW				
MCDE-101	Medical Coding Option Only - Medical Coding I	6.00	6.00	T MCDE	AU	----	None	None	
BUS-155	Medical Coding Option Only - Spreadsheet Applications	3.00	4.00	T MCDE	AU	----	BMS-2037 & BMS-2038	3.00 & 3.00	
HSV-110	Pharmacology Technician Option Only - Chemical Dependency I	3.00	3.00	T PHRM	AU	----	HUM-5300	3.00	
PHRM-110	Pharmacology Technician Option Only - Pharmacology Tech I	7.00	7.00	T PHRM	AU	----	None	None	
MEDICAL CODING OPTION - TOTAL CREDIT & CONTACT HOURS		18.00	19.00						
PHARMACOLOGY TECHNICIAN OPTION - TOTAL CREDIT & CONTACT HOURS		19.00	19.00						
SEMESTER 5 - SPRING									
SOC-110	Cultural Diversity	3.00	3.00	NT	SM,AU,SP	TAG,OTM	BHS-1382	3.00	
BUS-130	Team Building	3.00	3.00	T	SP	----	BMT-2071	4.00	
* BUS-150	Medical Coding Option Only - Document Applications	3.00	4.00	T MCDE	SP	----	BMS-2028 & BMS-2029	3.00 & 4.00	
MCDE-102	Medical Coding Option Only - Medical Coding II	6.00	6.00	T MCDE	SP	----	None	None	
MCDE-103	Medical Coding Option Only - Contemporary Issues in Medical Coding	1.00	1.00	T MCDE	SP	----	None	None	
PHRM-111	Pharmacology Technician Option Only - Pharmacology Tech II	9.00	9.00	T PHRM	SP	----	None	None	
MEDICAL CODING OPTION - TOTAL CREDIT & CONTACT HOURS		16.00	17.00						
PHARMACOLOGY TECHNICIAN OPTION - TOTAL CREDIT & CONTACT HOURS		15.00	15.00						

ADDITIONAL REQUIREMENTS ON PAGE 3

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CIP Code	51.0000	51.0713	51.0805

Total Semester Credit Hours Required for Completion of Degree		72.50
Non-Technical Required Credit Hours		39.00
Total Technical Required Credit Hours		33.50
Both Options - Technical Required Core Credit Hours		14.50
Medical Coding Option Only - Technical Required Credit Hours		19.00
Pharmacology Technician Option Only - Technical Required Credit Hours		19.00

Course Name	Course Title	Course Credit Hours	Weekly Contact Hours	Tech, Non-Tech or Elective	Semester(s) Course Offered	SEM Course Approved As A TAG, C-TAG or OTM	Equivalent Quarter Course	Equivalent Quarter Cr Hrs
Non-Technical Electives - Arts and Humanities								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
* PHIL-100	Critical Thinking	3.00	3.00	NT Elec	SM,AU,SP	OTM	BHS-1006	3.00
* PHIL-200	Introduction to Ethics	3.00	3.00	NT Elec	SM,AU,SP	TAG, OTM	BHS-1340	3.00
Non-Technical Elective - Lab Science								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
BIO-115	Human Nutrition	3.00	4.00	NT Elec	SM,AU,SP	TAG	BIO-1764	3.00
* PHYS-100	General Physics	4.00	5.00	NT Elec	SM,AU,SP	-----	PHY-1721	5.00
Non-Technical Elective - Chemistry								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
* CHEM-100	Basic Chemistry	4.00	5.00	NT Elec	SM,AU,SP	-----	None	None
* CHEM-101	General Organic Chemistry	4.00	5.00	NT Elec	SM,AU,SP	-----	CHM-1710	6.00
* CHEM-102	Fundamentals of Chemistry	4.00	5.00	NT Elec	SM,AU,SP	-----	CHM-1713	6.00
Non-Technical Elective - Mathematics								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
* MATH-140	College Algebra	3.00	3.00	NT Elec	SM,AU,SP	OTM	MTH-1215	5.00
* MATH-150	Pre-Calculus	5.00	5.00	NT Elec	SM,AU,SP			
Non-Technical Elective - Speech								
Total of 3.00 Semester Credit Hours Required to Complete this Degree								
SPCH-100	Fundamentals of Communication	3.00	3.00	NT Elec	SM,AU,SP	TAG	COM-1534	4.00
SPCH-205	Public Speaking	3.00	3.00	NT Elec	SM,AU,SP	TAG	COM-1504	3.00
SPCH-210	Small Group Communications	3.00	3.00	NT Elec	SM,AU,SP	TAG	COM-1523	3.00