

## HEALTH SCIENCE TECHNOLOGY

## Health Science Technology

## Associate in Applied Science

Academic Plan Code

5100007019

<b>Contact Information:</b> Melissa Burgess				
<a href="mailto:melissa.burgess@kctcs.edu">melissa.burgess@kctcs.edu</a>		270-534-3495		
Student Name		ID#		
Course		Hours	Grade	Semester
<b>GENERAL EDUCATION</b>				
MAT 110 Applied Math**	OR	3		
MAT 150 College Algebra and Functions		(3)		
ENG 101 Writing I		3		
FYE 105 First Year Experience		3		
BIO 135 Basic Human Anatomy/Physiology with Lab**	OR	4		
BIO 137 Human Anatomy and Physiology I	AND	(4)		
BIO 139 Human Anatomy and Physiology II		(4)		
PSY 110 General Psychology		3		
Social/Behavioral Sciences		3		
Heritage/Humanities		3		
Oral Communications		3		
Subtotal		25-29		
<b>REQUIRED TECHNICAL AND CERTIFICATE COURSES</b>				
CLA 131 Medical Terminology from Greek and Latin	OR	3		
AHS 115 Medical Terminology	OR	(3)		
MIT 103 Medical Office Terminology		(3)		
NAA 100 Nursing Assistant Skills I**		3		
<a href="#">Digital Literacy*</a>		0-3		
Health Science Technical Courses (See below and next pages for a listing of applicable technical courses)		29-30		
Subtotal		35-39		
<b>TOTAL</b>		60-68		
Students may take the following courses to meet the required 60 credit hours needed for the Health Science Technology degree: AHS 100, AHS 105, AHS 115, AHS 201, AHS 203, BAS 120, BIO 137, BIO 139, BIO 225 CIT 105, COM 181, COM 252, EFM 100, HST 101, HST 102, HST 103, HST 104, HST 121, HST 122, HST 123, NAA 102, OST 110, PHY 152, PHY 171, PHY 172, PLW 130, PLW 135, PLW 140, TEC 200, WPP 200				
*Digital Literacy must be demonstrated by competency exam or successfully completing a digital literacy course. CIT 105 is recommended for the Electronic Health Records Specialist and Medical Receptionist Certificate.				
**A grade of C or higher is required in each biological science, quantitative reasoning (math), and Nursing Assistant Skills I course.				
<b>TO RECEIVE THE ASSOCIATE IN APPLIED SCIENCE - HEALTH SCIENCE TECHNOLOGY DEGREE, THE STUDENT MUST COMPLETE AT LEAST THREE (3) CERTIFICATES FROM THE PROVIDED LIST ON THE FOLLOWING PAGE, AS WELL AS ALL REQUIRED COURSES WITH A MINIMUM OF SIXTY (60) CREDITS.</b>				

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<b>Electronic Health Records Specialist Certificate ***</b>				
AHS 115	Medical Terminology <b>OR</b>	3		
CLA 131	Medical Terminology <b>OR</b>	(3)		
MIT 103	Medical Office Terminology	(3)		
CIT 105	Introduction to Computers <b>OR</b>	3		
OST 105	Introduction to Information Systems	(3)		
CIT 130	Productivity Software <b>OR</b>	3		
OST 240	Software Integration	(3)		
MIT 104	Medical Insurance	3		
OST 110	Word Processing Applications <b>OR</b>	3		
	Course Approved by Program Coordinator	(1-3)		
MIT 217	Medical Office Procedures	3		
MIT 224	Medical Practice Management	3		
MIT 227	Medical Office Software	3		
MIT 228	Electronic Medical Records	3		
MIT 230	Medical Information Management	3		
	Course Approved by Program Coordinator	1-3		
<b>Total</b>		28-30		
<b>Medical Coding Certificate ***</b>				
AHS 115	Medical Terminology <b>OR</b>	3		
CLA 131	Medical Terminology <b>OR</b>	(3)		
MIT 103	Medical Office Terminology	(3)		
BIO 135	Basic Anatomy and Physiology with Lab	4		
OST 110	Word Processing Applications	3		
MIT 104	Medical Insurance	3		
MIT 204	Medical Coding	3		
MIT 205	Advanced Medical Coding	3		
	Course Approved by Program Coordinator	3		
<b>Total</b>		22		
<b>Medical Receptionist Certificate ***</b>				
AHS 115	Medical Terminology <b>OR</b>	3		
CLA 131	Medical Terminology <b>OR</b>	(3)		
MIT 103	Medical Office Terminology	(3)		
CIT 105	Introduction to Computers <b>OR</b>	3		
OST 105	Introduction to Information Systems	(3)		
OST 110	Word Processing Applications	3		
MIT 230	Medical Information Management	3		
MIT 217	Medical Office Procedures	3		
<b>Total</b>		15		

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<b>Entry Level Pharmacy Technology Certificate</b>				
AHS 115	Medical Terminology <b>OR</b>	3		
CLA 131	Medical Terminology <b>OR</b>	(3)		
MIT 103	Medical Office Terminology	(3)		
COM 181	Basic Public Speaking <b>OR</b>	3		
COM 252	Introduction to Interpersonal Communication <b>OR</b>	(3)		
PHA 146	Pharmaceutical Calculations	3		
PHA 110	Pharmacy Procedures and Skills	6		
PHA 136	Pharmacology	3		
PHA 150	Pharmacy Experience I	3		
CIT 105	Introduction to Computers	3		
<b>Total</b>		24		
<b>Phlebotomy for the Healthcare Worker Certificate ***</b>				
PHB 170	Applied Phlebotomy <b>AND</b>	3		
PHB 152	Phlebotomy: Clinical Experience <b>OR</b>	1		
PHB 151	Phlebotomy <b>AND</b>	(1)		
PHB 152	Phlebotomy: Clinical Experience <b>AND</b>	(1)		
MLT 101	Introduction to the Clinical Laboratory	(3)		
<b>Total</b>		4-5		
<b>Advanced Nursing Assistant Certificate ***</b>				
NAA 100	Nursing Assistant Skills I <b>AND</b>	3		
NAA 115	Nursing Assistant Skills II <b>OR</b>	3		
NAA 125	Advanced Nursing Assistant <b>OR</b>	(6)		
MNA 100	Medical Nurse Aide <b>AND</b>	(3)		
NAA 115	Nursing Assistant Skills II	(3)		
BIO 135	Basic Anatomy and Physiology with Laboratory <b>OR</b>	4		
AHS 109	Introduction to Body Structure and Function <b>OR</b>	(4)		
BIO 137	Human Anatomy & Physiology I <b>AND</b>	(4)		
BIO 139	Human Anatomy & Physiology II	(4)		
COM 181	Basic Public Speaking <b>OR</b>	3		
COM 252	Introduction to Interpersonal Communication <b>OR</b>	(3)		
ENG 101	Writing I <b>OR</b>	(3)		
TEC 200	Technical Communication	(3)		
Digital Literacy		3		
<b>Total</b>		16-20		
<b>*** To receive a certificate, all required courses must have a grade of C or higher.</b>				
			Revised Date:	2/10/2021

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KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

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**FALL SEMESTER**

Course No.	Course Title	Credit Hours
MAT 150	College Algebra and Functions* <span style="float: right;"><b>OR</b></span>	3
MAT 110	Applied Math*	(3)
BIO 135	Basic Human Anatomy** <span style="float: right;"><b>OR</b></span>	4
BIO 137	Human Anatomy and Physiology I**	(4)
NAA 100	Nursing Assistant Skills I	3
CLA 131	Medical Terminology from Greek and Latin* <span style="float: right;"><b>OR</b></span>	3
AHS 115	Medical Terminology* <span style="float: right;"><b>OR</b></span>	(3)
MIT 103	Medical Office Terminology*	(3)
	<a href="#">Digital Literacy</a> or demonstrated competency*	0 - 3
FYE 105	First Year Experience	3
Subtotal		16 - 19

**SPRING SEMESTER**

Course No.	Course Title	Credit Hours
ENG 101	Writing I*	3
BIO 139	Human Anatomy and Physiology II**	(4)
PSY 110	General Psychology*	3
	Oral Communications*	3
	Health Science Technical Courses***	4

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Subtotal		13 - 17
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**FALL SEMESTER**

Course No.	Course Title	Credit Hours
	Social/Behavioral Sciences*	3
	Health Science Technical Courses***	10-12
Subtotal		13-15

**SPRING SEMESTER**

Course No.	Course Title	Hours
	Heritage/Humanities*	3
	Health Science Technical Courses***	15
Subtotal		18
Grand Total		60 - 69

**Coordinator Notes:**

\*General Education

\*\*BIO 135 can be used to substitute for BIO 137 **AND** BIO 139

\*\*\*HST Health Science Technology courses will be dependent on the options selected by the student.

It is the ultimate responsibility of the student to stay current with the curriculum requirements.