

Gateway **S.M.A.R.T.** Plan

Associate of Applied Science Degree: Health Science Technology

Courses	Cr	Grade	Offered
AHS 115 Medical Terminology	3		
Digital Literacy (Rec. OST 105 - Introduction to Information Systems or CIT 105)	3		
ENG 101 Writing I	3		
FYE 105 (Rec. for Undecided Students/Certificate Completers/Non-transfer)	3		
NAA 100 Nursing Assistant Skills I (certificate #1)	3		

Courses	Cr	Grade	Offered
MAT 110 Applied Mathematics (or higher)	3		
PSY 110 General Psychology	3		
** Health Science Technical Courses (towards certificate #2)	TBA		

Courses	Cr	Grade	Offered
COM 181 Basic Public Speaking or COM 252 Interpersonal Communication	3		
Heritage/Humanities (Rec. PHI 110 - Medical Ethics)	3		
** Health Science Technical Courses (towards certificate #3)	TBA		

Courses	Cr	Grade	Offered
BIO 135 Basic Anatomy and Physiology with Laboratory (or BIO 137 and BIO 139)	4		
Social/Behavior Sciences	3		
** Health Science Technical Courses (as needed to complete degree requirements)	TBA		

** Health Science Technical Course selection must result in final attainment of a minimum of three KCTCS certificate credentials.

List additional hours acquired for Health Science Technical course requirements:	**Additional course options for technical courses, if needed to complete 60 credit hour requirement for degree:
	BAS 120 ENG 102
	BAS 283 MAI 170
	BAS 288 PSY 223
	BIO 137 PSY 230
	BIO 139 STA 210
	BIO 225 STA 220
	CPR 100 SWK 275

Notes

A grade of C or better is required in each biological science, quantitative reasoning (mathematics), and the nurse assistant (NAA 100) course. In addition, students must adhere to the grading requirements for each certificate they select for completion.

** Health Science Technical Course selection must result in final attainment of a minimum of three KCTCS certificate credentials.**

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Associate of Applied Science Degree: Health Science Technology - Certificate Options

Certificate Options (must complete two additional certificates, combined credits cannot exceed 30)

Emergency Medical Technician - 6 additional credits			
	Cr	Grade	Offered
EMS 105 Emergency Medical Technician	6		
Human Services Direct Support Work - 12 additional credits			
	Cr	Grade	Offered
HMS 102 Values of Human Services in a Contemporary Society	3		
HMS 265 Working with Disabilities in Human Services	3		
PSY 230 Psychosocial Aspects of Death and Dying	3		
SWK 275 The Family	3		
Human Services Recovery Coach - 24 additional credits			
	Cr	Grade	Offered
HMS 101 Human Services Survey	3		
HMS 102 Values of Human Services in a Contemporary Society	3		
HMS 103 Theories and Techniques in Human Services	3		
HMS 104 Group Dynamics for Human Services	3		
HMS 210 Drugs, Society, and Human Behavior	3		
HMS 211 Introduction to Addictions	3		
HMS 212 Crisis Intervention	3		
SWK 275 The Family	3		
Health Information Technology Coding - 22 additional credits			
	Cr	Grade	Offered
HIT 100 Introduction to Health Information Technology	4		
HIT 105 Pathophysiology/Pharmacology for Health Info Professionals	4		
HIT 109 Clinical Classification Systems I	2		
HIT 110 Legal and Ethical Issues in Health Information	3		
HIT 112 Reimbursement Methodologies	3		
HIT 202 Clinical Classification Systems II	3		
HIT 207 Clinical Classification Systems III	3		
HIT 2151 Clinical Practicum I	2		
Kentucky Medication Aide - 5 additional credits			
	Cr	Grade	Offered
KMA 100 Kentucky Medication Aide (6 months Nurse Aide experience required)	5		
Phlebotomist - 8 additional credits			
	Cr	Grade	Offered
PHB 100 Phlebotomy	6		
PHB 155 Phlebotomy Clinical	2		
Massage Therapy - 26 additional credits			
	Cr	Grade	Offered
MSG 117 Musculoskeletal Anatomy and Physiology I	4		
MSG 119 Musculoskeletal Anatomy and Physiology II	4		
MSG 132 Massage Techniques I	3		
MSG 134 Massage Techniques II	3		
MSG 220 Massage Therapy Pathology	3		
MSG 232 Advanced Clinical Massage I	3		
MSG 234 Advanced Clinical Massage II	3		
MSG 286 Massage Therapy Student Clinic	3		
Release of Data Information Specialist - 5 additional credits			
	Cr	Grade	Offered
HIT 100 Introduction to Health Information Technology	3		
HIT 110 Legal and Ethical Issues in Health Information	2		