

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

Associate in Applied Science: Health Science Technology

Recommended Semester 1

Courses	Cr	Grade	Offered
AHS 115 Medical Terminology	3		All
Digital Literacy - CIT 105 Introduction to Computers or OST 105 Introduction to Office Systems (or Competency demonstrated by exam)	3		All
ENG 101 Writing I	3		All
FYE 105 Achieving Academic Success	3		All
NAA 100 Nursing Assistant Skills I (certificate #1)	3		All

Recommended Semester 2

Courses	Cr	Grade	Offered
MAT 110 Applied Mathematics (or higher level Quantitative Reasoning course)	3		All
PSY 110 General Psychology	3		All
** Health Science Technical Courses (towards certificate #2)	TBA		See Certs

Recommended Semester 3

Courses	Cr	Grade	Offered
Heritage/Humanities	3		All
Oral Communication (rec. COM 181 Basic Public Speaking or COM 252 Introduction to Interpersonal Communications)	3		All
** Health Science Technical Courses (towards certificate #2)	TBA		See Certs

Recommended Semester 4

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

Notes

- A grade of C or greater 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.
- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.
- ** Health Science Technical Course selection must result in final attainment of a minimum of three KCTCS certificate credentials. Additional Course Options for technical courses, if needed to complete 60 credit hour requirement for degree: BAS 288, BIO 137, BIO 139, BIO 225, CPR 100, ENG 102, HST 102, MAI 170, PHI 110, PSY 223, PSY 230, STA 251, SWK 275

Certificate Options

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

Emergency Medical Technician – 6 additional credits

Courses	Cr	Grade	Offered
EMS 105 Emergency Medical Technician	6		Fall/Spring



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Health Information Technology Coding – 24 additional credits

Courses	Cr	Grade	Offered
HIT 100 Introduction to Health Information Technology	3		Fall/Spring
HIT 105 Pathophysiology/Pharmacology for Health Info Professionals	4		Fall/Spring
HIT 109 Clinical Classification Systems I	4		Fall/Spring
HIT 110 Legal and Ethical Issues in Health Information	2		Fall/Spring
HIT 112 Reimbursement Methodologies	3		Fall/Spring
HIT 202 Clinical Classification Systems II	3		Fall/Spring
HIT 207 Clinical Classification Systems III	3		Fall/Spring
HIT 215 Clinical Practicum I	2		Varies

Human Services Direct Support Work – 12 additional credits

Courses	Cr	Grade	Offered
HMS 102 Values of Human Services in a Contemporary Society	3		Fall/Spring
HMS 265 Working with Disabilities in Human Services	3		Varies
PSY 230 Psychosocial Aspects of Death and Dying	3		Varies
SWK 275 The Family	3		Varies

Human Services Recovery Coach – 24 additional credits

Courses	Cr	Grade	Offered
HMS 101 Human Services Survey	3		Fall/Spring
HMS 102 Values of Human Services in a Contemporary Society	3		Fall/Spring
HMS 103 Theories and Techniques in Human Services	3		Fall
HMS 104 Group Dynamics for Human Services	3		Spring
HMS 210 Drugs, Society and Human Behavior	3		Varies
HMS 211 Introduction to Addictions	3		Fall
HMS 212 Crisis Intervention	3		Spring
SWK 275 The Family	3		Varies

Kentucky Medication Aide – 5 additional credits

Courses	Cr	Grade	Offered
KMA 100 Kentucky Medication Aide (6 months Nurse Aide experience required)	5		Varies

Massage Therapy – 26 additional credits

Courses	Cr	Grade	Offered
MSG 117 Musculoskeletal Anatomy and Physiology I	4		Fall
MSG 119 Musculoskeletal Anatomy and Physiology II	4		Spring
MSG 132 Massage Techniques I	3		Fall
MSG 134 Massage Techniques II	3		Fall
MSG 220 Massage Therapy Pathology	3		Spring
MSG 232 Advanced Clinical Massage I	3		Spring
MSG 234 Advanced Clinical Massage II	3		Spring
MSG 286 Massage Therapy Student Clinic	3		Spring

Phlebotomist – 8 additional credits

Courses	Cr	Grade	Offered
PHB 100 Phlebotomy	6		Fall/Spring
PHB 155 Phlebotomy Clinical	2		Fall/Spring



Release of Data Information Specialist – 5 Additional Credits

Courses	Cr	Grade	Offered
HIT 100 Introduction to Health Information Technology	3		Fall/Spring
HIT 110 Legal and Ethical Issues in Health Information	2		Fall/Spring

Updated 4/2/20

