

Associate of General Studies Health Science Areas of Focus

Diagnostic Services

AGS Recommended Curriculum
(CIPS number: GSD-0080)

Minimum 64 hours

Program Description: The Health Science Diagnostic Cluster Associate of Applied Science degree at Shawnee Community College provides students with a comprehensive education that fulfills general education requirements while focusing on specialized diagnostic pathways. This degree prepares graduates to meet workforce demands in the healthcare field, with options to complete focused training in Phlebotomy or Electrocardiography. Designed for flexibility and career advancement, the program supports seamless transfer opportunities into related baccalaureate-level healthcare programs, ensuring students are well-equipped for continued academic and professional success.

First Year

FIRST SEMESTER		Credit Hours
BIO 115	Human Biology	5
CPR 120	CPR For Healthcare Providers	0.5
ENG 111	English Composition I	3
HIT 100	Medical Terminology	3
MAT 122	Math for Healthcare Professionals	3
PHI 218	Intro to Ethics and Values	3
TOTAL HOURS		17.5

Second Year

THIRD SEMESTER		Credit Hours
BIO 221	Anatomy and Physiology I	4
HLT 116	Nutrition	3
PSY 218	Child Psychology	3
CHE 111	Inorganic, Organic, and Biochemistry I	4
EKG 121 or PHB 121	Phlebotomy or Electrocardiography Internship	0.5-1
TOTAL HOURS		14.5-15

SECOND SEMESTER		Credit Hours
ENG 112	English Composition II	3
BIO 218	Microbiology	4
HLT 114	Health Careers Exploration	3
PSY 211	Introduction to Psychology	3
SOC 212	Sociology	3
TOTAL HOURS		16

FOURTH SEMESTER		Credit Hours
BIO 222	Anatomy and Physiology II	4
MAT 210	General Elementary Statistics	4
SPC 111	Speech	3
	<i>IAI Fine Arts or Humanities:</i>	3
TOTAL HOURS		14

SUMMER SEMESTER		Credit Hours
PHB 120	Phlebotomy*	2
	OR	
EKG 120	Electrocardiography*	3
TOTAL HOURS		2-3

*Internship EKG or PHB 0121 taken at a later date.

Possible Career Opportunities:

Phlebotomy pathway: Lab Liaison Technician, Mobile Examiner, Patient Service Technician (PST), Phlebotomist, Phlebotomy Technician, Registered Phlebotomist.

Electrocardiography pathway: Cardiac Catheterization Laboratory Technologist, Cardiac Catheterization Technician, Cardiac Technician, Cardio Tech (Cardiovascular Technician), Cardiology Technician, Cardiopulmonary Technician, Cardiovascular Technologist (CVT), Electrocardiogram Technician (EKG Tech),

O*NET Links: www.onetonline.org SOC Codes: Phlebotomists: 31-9097.00; Electrocardiography: 29-2031.00