

MEDICAL ASSISTING - AAS

Offered at: Ashland Community and Technical College, Bluegrass Community and Technical College, Gateway Community and Technical College, Henderson Community College, Hopkinsville Community College, Jefferson Community and Technical College, Owensboro Community and Technical College

Program Plan Number: 5108017129

Progression in the Medical Assisting program is contingent upon achievement of a grade of "C" or above in each required course and maintenance of a 2.0 cumulative grade-point average or above (on a 4.0 scale).

Course	Title	Credits
General Education		
Select one of the following three options:		3
MAT 105	Business Mathematics	
MAT 110	Applied Mathematics	
Higher Level Quantitative Reasoning Course		
Select one of the following two options:		4-8
BIO 135	Basic Anatomy and Physiology with Laboratory	
BIO 137 & BIO 139	Human Anatomy and Physiology I with Laboratory and Human Anatomy and Physiology II with Laboratory	
PSY 110	General Psychology	3
ENG 101	Writing I	3
Heritage/Humanities		3
Subtotal		16-20
Additional Suggested General Education Courses (Not Required)		
ENG 102	Writing II	
COM 252	Introduction to Interpersonal Communication	
COM 181	Basic Public Speaking	
Support Courses		
AHS 115	Medical Terminology	3
or CLA 131	Medical Terminology from Greek and Latin	
or MIT 103	Medical Office Terminology	
CPR 100	CPR for Healthcare Professionals ¹	1
or KHP 190	First Aid and Emergency Care	
Digital Literacy		3
Subtotal		23-28
<i>Students must complete one of the pathways listed below to complete the AAS requirements.</i>		

Pathway 1

Offered at: Bluegrass Community and Technical College, Henderson Community College, Hopkinsville Community College, Jefferson Community and Technical College, Owensboro Community and Technical College

Program Plan Number: 510801711

Course	Title	Credits
Required		
General Education and Support Courses		23-28

Core Courses

MAI 105	Introduction to Medical Assisting	3
MAI 125	Medical Assisting Laboratory Techniques I	2
MAI 140	Medical Assisting Clinical Procedures I	4
MAI 155	Administrative Procedures for the Medical Assistant	4
MAI 170	Dosage Calculations	2
MAI 200	Pathophysiology for the Medical Assistant	3
MAI 220	Medical Assisting Laboratory Techniques II	3
MAI 240	Medical Assisting Clinical Procedures II	4
MAI 270	Pharmacology for the Medical Assistant	3
MAI 281	Medical Assisting Practicum	1
MAI 284	Medical Assisting Externship	2-3
MAI 289	Medical Assisting Assessment Preparation	1-2
Approved Electives		5
Total Credits		60-67

Pathway 1 - Approved Elective List

Course	Title	Credits
BAS 288	Personal and Organizational Leadership	3
MAI 299	Selected Topics: Medical Assisting: (Topic)	1-4
MIT 104	Medical Insurance	3
MIT 205	Advanced Medical Coding	3
MIT 240	Medical Interpreter-Lecture	3
MIT 241	Medical Interpreter-Laboratory	1
NFS 101	Human Nutrition and Wellness	3
PHB 100	Phlebotomy	6
PHB 155	Phlebotomy Clinical	2-3
OST 100	Keyboarding	1
OST 110	Word Processing Applications	3

Pathway 2

Offered at: Ashland Community and Technical College, Gateway Community and Technical College

Program Plan Number: 510801713

Course	Title	Credits
Required		
General Education and Support Courses		23-28
Core Courses		
MAI 105	Introduction to Medical Assisting	3
MAI 155	Administrative Procedures for the Medical Assistant	4
MAI 162	Medical Assisting Laboratory & Clinical Procedures I	6
MAI 200	Pathophysiology for the Medical Assistant	3
MAI 262	Medical Assisting Laboratory & Clinical Procedures II	6
MAI 265	Applied Pharmacology for the Medical Assistant	4
MAI 281	Medical Assisting Practicum	1
MAI 284	Medical Assisting Externship	2-3
MAI 289	Medical Assisting Assessment Preparation	1-2

Approved Electives	7
Total Credits	60-67

Pathway 2 - Approved Elective List

Course	Title	Credits
BAS 288	Personal and Organizational Leadership	3
MAI 299	Selected Topics: Medical Assisting: (Topic)	1-4
MIT 104	Medical Insurance	3
MIT 205	Advanced Medical Coding	3
MIT 240	Medical Interpreter-Lecture	3
MIT 241	Medical Interpreter-Laboratory	1
NFS 101	Human Nutrition and Wellness	3
PHB 100	Phlebotomy	6
PHB 152	Phlebotomy: Clinical Experience	1
PHB 155	Phlebotomy Clinical	2-3

Course(s) approved Course by Medical Assisting Program
Coordinator

¹ With proof of CPR certification for Health Care Professionals, credit may be granted for CPR 100 CPR for Healthcare Professionals (1 credit hours)