

CIS 150	Introduction to Computer Logic and Programming	3
CIS 185	Computer Ethics	3
CIS 191	Introduction to Computer Programming Concepts	3
CIS 193	Introduction to Computer Programming Lab	1
CIS 268	Software Support	3
CIS 269	Hardware Support	3
<i>Electives (must be in CIS or VCM Courses).</i>		6
<i>Additional certificate requirements</i>		3
*ORI 101	Orientation to College	1
WKO 101	Workplace Skill Development	2
Total		43

Certificate - Criminal Justice

This program is designed for students with interest in criminal justice and law enforcement professions. Additionally, this program is designed for current law enforcement officers who wish to pursue academic credits, as well as for those with no previous academic background.

	credit hours	
<i>Required general education courses</i>	12	
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra or higher level MTH	3
SPH 107	Fundamentals of Public Speaking	3
or SPH 106	Fundamentals of Human Communication (Recommended).....	3
CIS 146	Microcomputer Applications	3
<i>Required Criminal Justice courses</i>	8	
CRJ 100	Introduction to Criminal Justice	3
CRJ 110	Introduction to Law Enforcement	3
EMS 100	Cardiopulmonary Resuscitation I	1
EMS 104	First Aid for Students of Health-Related Professions	1
<i>Electives in Criminal Justice</i>	18	
<i>Additional certificate requirements</i>	3	
*ORI 101	Orientation to College	1
WKO 101	Workplace Skill Development	2
Total		41

Short Certificate - Emergency Medical Technician - Basic

Chattahoochee Valley Community College offers emergency medical training for the EMT program. The EMT program consists of one semester of classes and clinical training. The student registers for eleven (11) semester hours (2 hours of CPR, if needed) of instruction and clinical rotation. Upon successful completion of the EMT program, the student is eligible to take the National Registry Exam. After passing the National Registry Exam, the student is eligible for State of Alabama licensure as an EMT Technician. Students enrolled in the EMT program are responsible for additional costs and fees related to the program and not included in tuition. Such costs can include, but are not limited to: physicals, criminal background checks, random drug screening, clinical uniforms, and required clinical supplies.

* Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.

	credit hours
Required EMT courses	11
EMS 100 Cardiopulmonary Resuscitation I	1
EMS 118 Emergency Medical Technician	9
EMS 119 Emergency Medical Technician Clinical	1
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Total	11

Short Certificate – Advanced Emergency Medical Technician

This program is designed to offer emergency medical training for the Advanced EMT program. The Advanced EMT program consists of one semester of classes and clinical training. The student registers for ten (10) semester hours of instruction and clinical rotation. If the student does not hold a current CPR card, they must complete CPR courses. The AEMT course and training are designed to provide additional training, knowledge, and skills in specific areas of ALS. Skills above the EMT-Basic level include EV therapy and the administration of certain medications. Upon successful completion of the Advanced EMT program, the student is eligible to take the National Registry Exam. After passing the National Registry Exam, the student is eligible for State of Alabama licensure as an Advanced Emergency Medical Technician. Students enrolled in the Advanced EMT program are responsible for additional costs and fees related to the program and not included in tuition. Such costs can include, but are not limited to: physicals, criminal background checks, random drug screening, clinical uniforms, and required clinical supplies.

	credit hours
Required AEMT courses	10
EMS 155 Advanced Emergency Medical Technician	8
EMS 156 Advanced Emergency Medical Technician Clinical.....	2
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Total	10

Short Certificate - Fire Science

This program is designed for individuals employed or seeking employment as fire fighters. The program is also designed to be an intermediate recognition step for individuals working toward the Fire Science associate degree. All coursework in the Certificate program is applicable toward the Associate in Applied Science degree.

	credit hours
Required Fire Science courses	12
FSC 101 Introduction to Fire Science	3
FSC 110 Building Construction Principles	3
FSC 130 Introduction to Fire Suppression	3
FSC 299 Legal Aspects of Fire Science	3
Electives in Fire Science	12
Additional certificate requirements	3
*ORI 101 Orientation to College	1
WKO 101 Workplace Skill Development	2
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Total	27

* Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.

Certificate - Homeland Security

The Homeland Security certificate program provides the knowledge and skills necessary for security professionals, including business, industry, and corporate managers who are responsible for risk assessment, infrastructure management, physical and information security, and human capital management. Students will benefit from a dynamic real-world approach to actual and potential scenarios. From terrorism to emergency management, these programs will provide students with current information and transferable skills that are critical to meeting employer needs in both the homeland security and public safety sectors.

Students will obtain certification in Incident Command System (ICS) and National Incident Management System (NIMS). The program is also designed to provide an intermediate recognition for individuals working toward the Homeland Security associate degree. All coursework in the Certificate program is applicable to the Associate in Applied Science degree.

credit hours

Required general education courses	13
ENG 101 English Composition I	3
SPH 107 Fundamentals of Public Speaking	3
or SPH 106 Fundamentals of Oral Communication	3
MTH 100 Intermediate Algebra or higher level MTH	3
CIS 146 Microcomputer Applications	3
Required courses	13
HLS 100 Introduction to Homeland Security and Public Safety	3
HLS 190 Critical Infrastructure Assessment and Protection	3
EMS 100 Cardiopulmonary Resuscitation I	1
HLS 215 Mass Casualty Triage Management	3
HLS 241 Incident Management Team Operations	3
Homeland Security Electives	21
Additional Certificate Requirements	3
*ORI 101 Orientation to College	1
WKO 101 Workplace Skill Development	2
Total	49

Short Certificate - Homeland Security

The Homeland Security certificate program provides the knowledge and skills necessary for security professionals, including business, industry, and corporate managers who are responsible for risk assessment, infrastructure management, physical and information security, and human capital management. Students will benefit from a dynamic real-world approach to actual and potential scenarios. From terrorism to emergency management, these programs will provide students with current information and transferable skills that are critical to meeting employer needs in both the homeland security and public safety sectors.

Students will obtain certification in Incident Command System (ICS) and National Incident Management System (NIMS). The program is also designed to provide an intermediate recognition for individuals working toward the Homeland Security associate degree. All coursework in the Certificate program is applicable to the Associate in Applied Science degree.

credit hours

Required courses	13
HLS 100 Introduction to Homeland Security and Public Safety	3
HLS 190 Critical Infrastructure Assessment and Protection	3

EMS 100	Cardiopulmonary Resuscitation I	1
HLS 215	Mass Casualty Triage Management	3
HLS 241	Incident Management Team Operations	3

Homeland Security Electives 12

Additional certificate requirements 3

*ORI 101	Orientation to College	1
WKO 101	Workplace Skill Development	2

Total 28

Short Certificate - Medical Assisting

The Medical Assisting Certificate Program requires the student to complete 20 semester hours in medical assisting courses. This program will prepare students for careers in the health care field by offering courses in both the clinical and administrative functions of a physician's office.

Required courses	credit hours	20
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MAT 101	Medical Terminology	3
or HPS 105	Medical Terminology	3
MAT 102	Medical Assisting Theory I	3
MAT 103	Medical Assisting Theory II	3
MAT 111	Clinical Procedures I	3
MAT 120	Medical Admin. Procedures I	3
MAT 121	Medical Admin. Procedures II	3
WKO 101	Workplace Skill Development I	2

Total 20

Short Certificate - Medical Assisting: Phlebotomy

Prerequisites for required courses in the Phlebotomy short certificate must be met before students may register for MAT 239 Phlebotomy Preceptorship. (See course description on page 186.)

The College offers a 10-hour short-term certificate in phlebotomy, which prepares the student for work in acute care settings such as major hospital laboratories, minor emergency centers, and free-standing laboratories, working under the supervision of medical laboratory technologists or laboratory managers. The courses will provide both classroom and clinical experiences.

Required courses	credit hours	10
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MAT 125	Laboratory Procedures I	3
MAT 215	Laboratory Procedures II	3
MAT 239	Phlebotomy Preceptorship	3
EMS 100	Cardiopulmonary Resuscitation I	1

Total 10

Certificate - Licensed Practical Nursing (LPN)

The Licensed Practical Nursing (LPN) Program enables the student to complete a one-year curriculum leading to a certificate in Licensed Practical Nursing. This qualifies the graduate to apply to write the National Council Licensure Examination: NCLEX-PN. It is important for

* Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.