CIS Certificate of Achievement

Student Chooses Area of Emphasis
(Database Administration, Support or Security)

Core Courses for Any CIS Certificate of Achievement – 32 hours

COL 100:	Campus Orientation	0
COL 110:	Foundation Of Student Success	1
COM 110:	Public Speaking	3
CIS 110:	Technical and Digital Literacy	3
CIS 121:	Foundations of Mgmt Info Systems	3
CIS 193:	Operating Systems	3
CIS 183:	Project Management	3
CIS 190:	Capstone	1
	TOTAL CORE	17

Students Will Complete the Following Courses in Chosen Area of Emphasis

Database Administration	Technical Support	Security
CIS 123 Introduction to Security	CIS 126 Computer Ops	CIS 123 Introduction to Security
CIS 124 Programming and Logic	CIS 151 Network I	CIS 151 Network I
CIS 205 Introduction to SQL	CIS 152 Network II	CIS 211 Server I
CIS 215 Advanced SQL	CIS 211 Server I	CIS 223 Security I
CIS 203 Database Structure	CIS 223 Security I	CIS 233 Security II

ELECTIVE OPTIONS

CIS 126 Operations
CIS 124 Programming and Logic
CIS 127 Web Design and Development
CIS 129 C# Programming
CIS 151 Network I
CIS 152 Network II
CIS 203 Database structures
CIS 211 Server I
CIS 221 Linux
CIS 223 Security
CIS 280 Special Topics

Conversion (24-26) Hours- to convert a certificate of Achievement into an AAS degree, students will need to take :

•Core 42 Math Requirement (Intermediate Algebra or College Algebra) 3
•Core 42 Civics 3
•Core 42 Humanities Fine Arts 3   or
  Core 42 Social and Behavioral Science 3
• Core 42 Natural Sciences (recommended with lab)   3-5
•English requirement   3
•CIS Elective   12 (recommended CIS 265 internship of 3 credit hours as part of 12 hour elective)