



**CCAF Associates (Computer Science Technology)
To
ECPI Bachelors Program
Bachelor of Science in Computer & Information Science
Concentration in Network and Security Management**

I. Arts and Science (31 SH)

ECPI Courses			CCAF Courses		
Course Number	Course/Topic Name	SH Credits Needed	Course Number	Course/Topic Name	SH Credits
Communication (9 SH)					
COM110	Principles of Speech	3			
ENG110	English Composition	3			
ENG120	Advanced Composition	3			
Mathematics (6 SH)					
MTH131	College Algebra or higher	3			
MTH140	Statistics	3			
MTH200	Pre-Calculus	3			
Natural Sciences (4SH)					
BIO122	Environmental Biology	3			
BIO122L	Environmental Biology Lab	1			
PHY120	Physics	3			
PHY120L	Physics Lab	1			
Humanities/Fine Arts (3SH)					
ENG200	Major Writers in World Literature	3			
ENG210	Critical Thinking	3			
HUM205	Culture and Diversity	3			
SPN100	Spanish I	3			
SPN110	Spanish II	3			
Social and Behavioral Sciences (6SH)					
ECO201	Macroeconomics	3			
ECO202	Microeconomics	3			
HIS150	History of the Modern World	3			
POL160	21 st Century Political Institutions	3			
PSY105	Introduction to Psychology	3			
PSY220	Positive Psychology	3			
SOC100	Introduction to Sociology	3			
SOC105	Global Social Issues	3			
Capstone (3SH)					
ACT090	CAAP*	0			
CAP480	Arts & Science Capstone	3			
Total A/S credits		31			

II. Self-Integration (3 SH)

ECPI Courses			CCAF Courses		
Course Number	Course/Topic Name	SH Credits Needed	Course Number	Course/Topic Name	SH Credits
FOR112	College Orientation	3			
COR090	Career Orientation Seminar*	0			
Total ECPI credits		3			

III. Core Information Systems Courses (24 SH)

ECPI Courses			CCAF Courses		
Course Number	Course/Topic Name	SH Credits Needed	Course Number	Course/Topic Name	SH Credits
BUS122	Principles of Business and Management	3			
CIS102	Fundamentals of Customer Service	3			
CIS106	Introduction to Operating Systems	3			
CIS121	Logic and Design	3			
CIS131	Database I	3			
CIS150	Networking I	3			
CIS282	Web Interface Design	3			
IST120	Computer Applications	3			
Total ECPI credits		24			

IV. Network Security Courses (24 SH)

ECPI Courses			CCAF Courses		
Course Number	Course/Topic Name	SH Credits Needed	Course Number	Course/Topic Name	SH Credits
CIS151	Network II	3			
CIS202	Network Switching	3			
CIS204	Network Routing	3			
CIS212	Network Security Concepts	3			
CIS245	Windows Client and Server	3			
CIS206	Introduction to Unix	3			
CIS403	Network Security I	3			
CIS410	Network Security II	3			
Total ECPI credits		24			

V. Advanced Technical Courses (39 SH)

ECPI Courses			CCAF Courses		
Course Number	Course/Topic Name	SH Credits Needed	Course Number	Course/Topic Name	SH Credits
BUS224	Change Management	3			
BUS224L	Change Management Lab	1			
BUS226	Managerial Processes & Communications	3			
BUS226L	Managerial Processes & Communications Lab	1			
BUS227	Operations Management	3			
BUS227L	Operations Management Lab	1			
BUS242	Technology Optimization	3			
BUS242L	Technology Optimization Lab	1			
CIS207	Switching & Routing Lab	1			

CIS245L	Windows Client & Server Lab	1			
CIS251	Advanced Windows Server	3			
CIS256	Windows Active Directory	3			
CIS256L	Windows Active Directory	1			
CIS305	Advanced Unix Administration	3			
CIS305L	Advanced Unix Administration Lab	1			
CIS311	Web Site Management	3			
CIS311L	Web Site Management Lab	1			
CIS328	Email Services	3			
CIS425	Adv Net Defense & Countermeasures	3			
CIS425L	Adv Net Def & Countermeasures Lab	1			
CIS471	IT Project Management	3			
CIS471L	IT Project Management Lab	1			
CIS490	CIS Sr. Externship	3			
CIS491	CIS Sr. Externship I	1			
IST210	Computer Configuration I	3			
IST211	Computer Configuration II	3			
IST321	Network Scripting	3			
	General Electives	0			
	Total ECPI Credits	39 SH			
	Total Core Curriculum Credits	90 SH			

General Electives are all other courses taken or attempted that do not apply toward any other requirements.

Total hours required to complete B.S. degree is 121.

Minimum hours transferred in from CCAF A.S. degree is 61; the maximum number of transfer credits is 80.

Maximum remaining hours to complete B.S. degree is 60.

Section I. CCAF students who have an A.A.S. in **Computer Science Technology** may transfer in a maximum of 31 semester credit hours.

Section II. CCAF students will not be required to take FOR112; however, they will need to take COR090.

Section III and IV. CCAF students may transfer in a maximum of 24 credits for these sections.

Section IV. The maximum number of credits permitted in this section depends upon the total credits transferred from Sections I, III and IV. For the entire degree program, a student may transfer in up to 80 total credits (to include any combination of CCAF, CLEP, AP, and other institutions).