



# Why All Three are Connected



# California Common Course Identifiers

[www.c-id.net](http://www.c-id.net)

- Course Portability Between Community Colleges
- Potential Uniformity – Associate Transfer Degrees (ATD)

A+  
Network+  
Server+  
Security+

Model Curriculum Worksheet – Accepted by ICFW 3-31-15

CCC Major or Area of Emphasis: Information Technology

CSU Major or Majors: Information and Communication Technologies, Information Systems, Information Technology

Total units 22-23 (all units are semester units)

Degree Type (indicate one): AA-T      OR AS-T      OR MC X

Required Core Courses: 13 units

Title (units)	C-ID Designation	Rationale
Information & Communication Technology Essentials (4)	ITIS 110	Essential Preparation
Business Information Systems, Computer Information Systems (3)	ITIS 120	Essential Preparation
Introduction to Programming Concepts and Methodologies (3)	ITIS 130 or COMP 112	Essential Preparation
Computer Network Fundamentals (3)	ITIS 150	Essential Preparation

Select 6 units or 2 courses from the following:

Introduction to Systems Analysis and Design (3)	ITIS 140	Important Preparation
Routing and Switching Essentials (3)	ITIS 151	Important Preparation
Systems and Network Administration (3)	ITIS 155	Important Preparation
Introduction to Information Systems Security (3)	ITIS 160	Important Preparation
Introduction to Cybersecurity: Ethical Hacking (3)	ITIS 164	Important Preparation
Digital Forensics Fundamentals (3)	ITIS 165	Important Preparation
Introduction to Database Management Systems (3)	ITIS 180	Important Preparation
Business Communication (3)	BUS 115	Important Preparation

Select 3-4 units or 1 course from the following:

Introduction to Statistics (3)	MATH 110	Also fulfills CSU GE Area B4
Finite Mathematics (3)	MATH 130	Also fulfills CSU GE Area B4
Business Calculus (3)	MATH 140	Also fulfills CSU GE Area B4
Single Variable Calculus I Early Transcendentals (4)	MATH 210	Also fulfills CSU GE Area B4

# Center of Academic Excellence—2 Year DHS/NSA CAE2Y Designation

- Institutional Designation
- Instruction Aligned with Knowledge Units
- Program Qualifications

Scripting  
Network+  
Server+  
Security+

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Systems and Network Administration (3)	ITIS 155	Important Preparation
Introduction to Information Systems Security (3)	ITIS 160	Important Preparation
Introduction to Cybersecurity: Ethical Hacking (3)	ITIS 164	Important Preparation
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# Coastline Cybersecurity Apprenticeship Program

- \$1,000,000 Grant Funded by CCCCCO
- Program Registered with DAS
- 2000+ Hours of "Earn & Learn"
- Seven (7) Academic Courses

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# What About CSA+ ?

- Seventh (7) Academic Course
- Planned Addition to Model Curriculum (Fall 2017)
- Capstone Course for CCAP

Scripting  
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# CSA+ Resources

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## CompTIA Cybersecurity Analyst (CSA+)

### WASTC

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This is a "train-the-trainer" style course, designed to provide faculty with lots of resources so they will be able to utilize these to both create a new course and teach that course once it has gone through the curriculum process at their college.

The 4.5 day format for the course is designed to cover the materials in a rapid format, with coverage centering upon the content of CompTIA's "[exam objectives](#)" for their CS0-001 certification exam. Those successfully passing the exam are designated by CompTIA as holding their CSA+ certification (Cybersecurity Analyst).

The CS0-001 exam went live on February 15, 2017. There is very little information on the certification forums relating to the Exam (e.g. [TechExam](#)). As referenced in one of the postings, I have created two blog comments that relate specifically to my study efforts before taking the CS0-001 exam and my thoughts after taking it. They are available at:

[Time to Tackle CompTIA's CSA+ Certification \(CS0-001\) | Steve's Certification Site](#)

[Success on CS0-001 CompTIA Cybersecurity Analyst \(CSA+\) Exam | Steve's Certification Site](#)

For purpose of this class we are utilizing the GTS Learning book. You are being provided an electronic copy of the book. I honestly recommend the book. I'm a little hesitant to recommend the labs, primarily because of the lab interface that I found to be challenging, particularly when using my laptop with its small monitor. Our hope is the course will gain enough traction so that a series of NetLab+ labs will be available that highlight key tools that are identified in Section 4.5 (*Compare and contrast the general purpose and reasons for using various cybersecurity tools and technologies*) of the Exam Objectives. A list that I prepared of those tools can be accessed by clicking [HERE](#).

I also prepared a list of videos related to these tools. That list is available by clicking [HERE](#). All of the resources I prepared are available for your use and you can share them with your colleagues and students.

We are fortunate in providing a variety of other resources that will prove beneficial to you as you prepare for both the CS0-001 exam and teaching your version of the "Principles of Cybersecurity Analysis" course. I managed to get Sierra College's curriculum committee to approve the course in April. The course documentation is identified below and is available for your use:

<http://bit.ly/CSAplus>

# Questions

