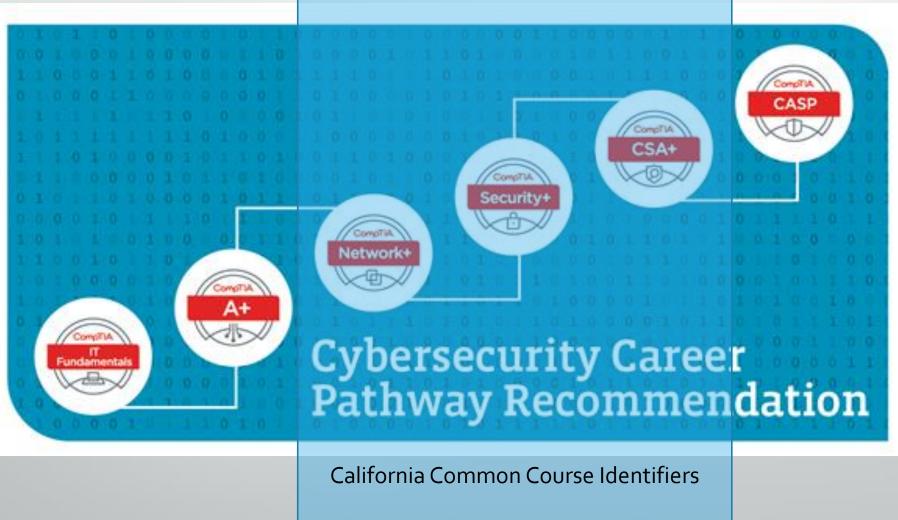# CSA+, CAE2Y, & Apprenticeships

Professor Steve Linthicum, JD, CISSP, VCP, MCSE
Deputy Sector Navigator, ICT/DM
Doing What Matters for Jobs and the Economy

Why All Three are Connected

Coastline Apprenticeship Program

California Common Course Identifiers

CAE2Y

California Common Course Identifiers 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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Coastline Cybersecurity Apprenticeship Program

- $1,000,000 Grant Funded by CCCCO

- Program Registered with DAS

- 2000+ Hours of "Earn & Learn

- Seven (7) Academic Courses

Scripting

Network+

Server+

Security+

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What About CSA+ ?

- Seventh (7) Academic Course

- Planned Addition to Model Curriculum (Fall 2017)

- Capstone Course for CCAP

Scripting

Network+

Server+

Security+

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CSA+ Resources

http://bit.ly/CSAplus

Questions