

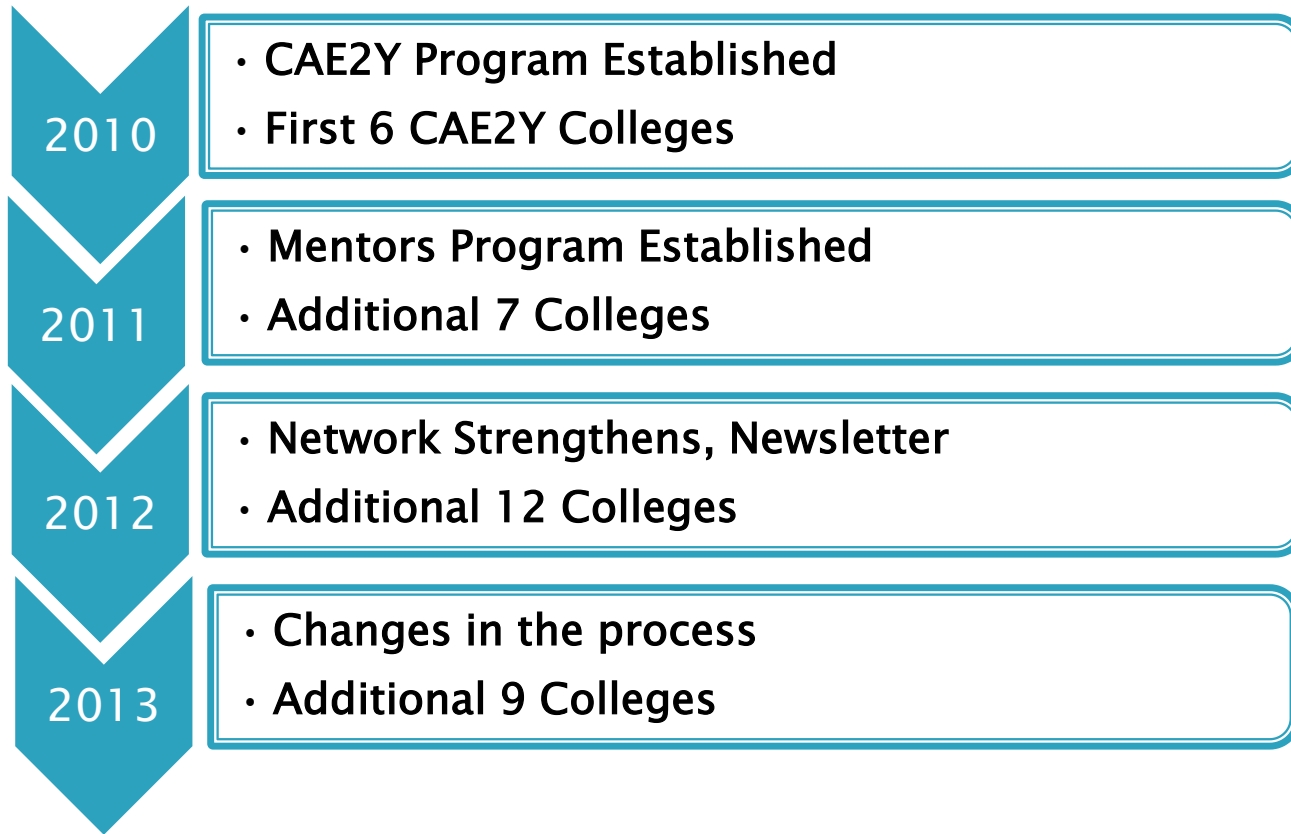
NICE Meeting  
Designations of Excellence  
CAE2Y and CDFAE

September 19, 2013

Vera Zdravkovich



# History of CAE2Y



# Progress

Now consists of 34 CAE2Y Colleges

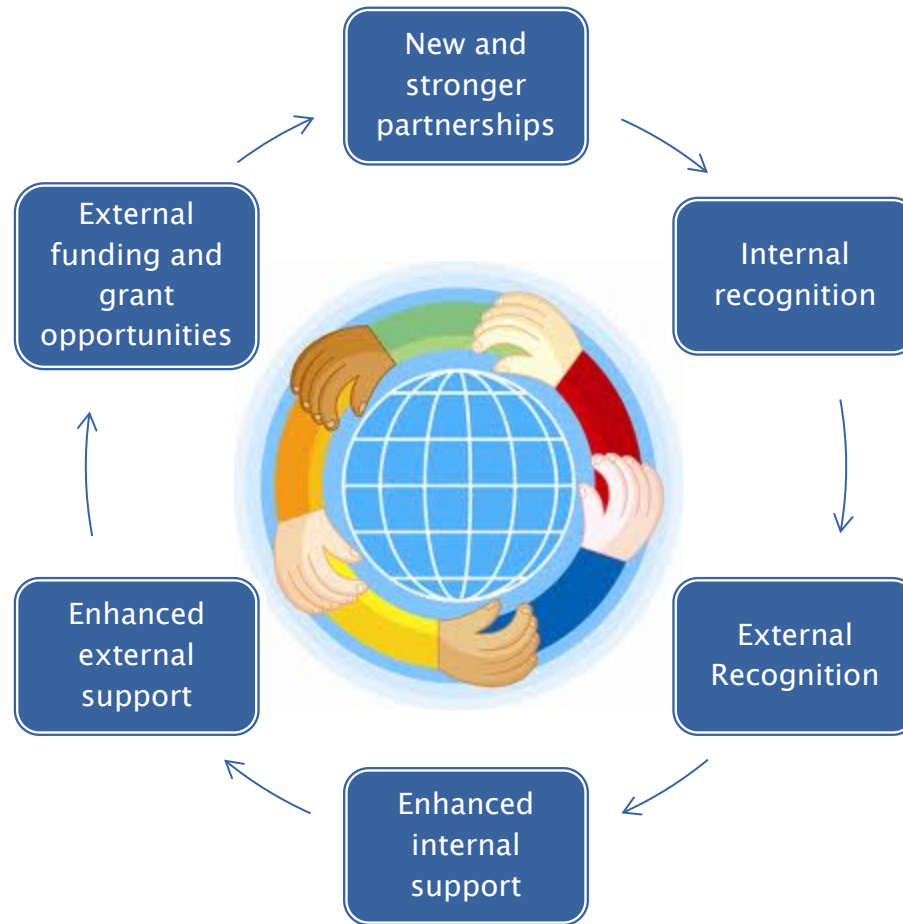
CAE2Y community developed

Published Newsletter (4 times/year)

Electronic Newsletter (bi-monthly)



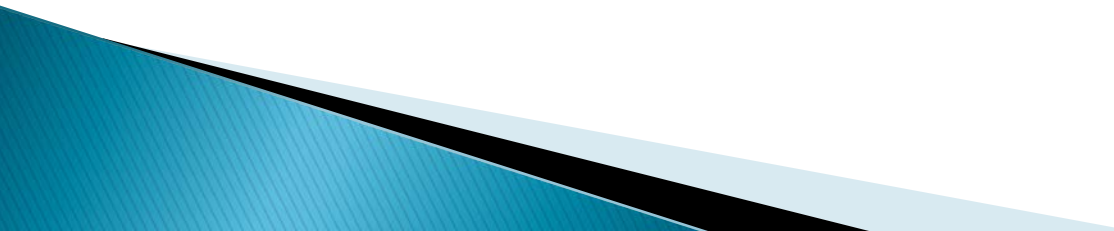
# Why CAE2Y?



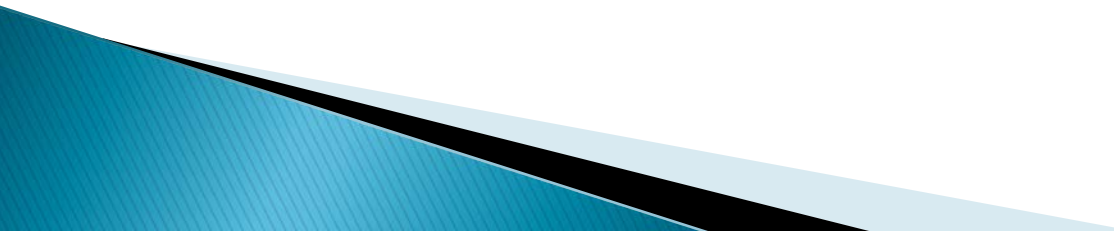
# Whatcom Community College

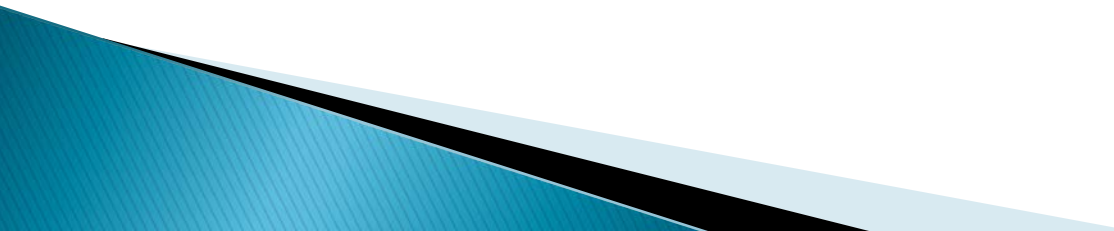
Bellingham, Washington

# CAE2Y

- ▶ Whatcom was in the second round of community colleges to earn CAE2Y designation.
  - ▶ Earned designation in 2011.
  - ▶ First community college on the west coast to earn CAE2Y.
  - ▶ Brought tremendous change to the Computer Information Systems program and the college.
  - ▶ Established Whatcom Community College as a leader in Washington State and throughout the west coast.
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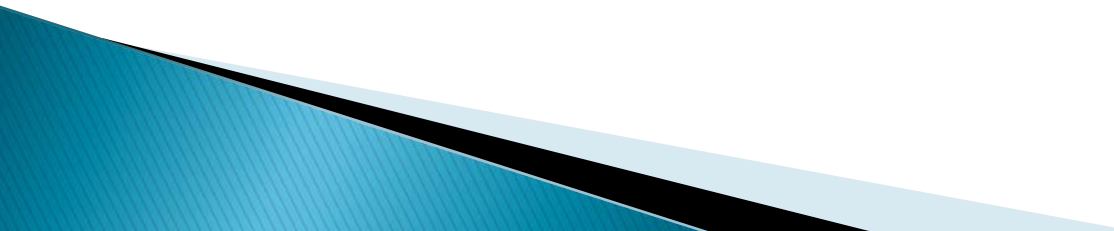
# CAE2Y Benefits

- ▶ National recognition for small/medium community college and program.
  - ▶ Enrollments have grown considerably. Students have stated they chose Whatcom because of this designation.
  - ▶ Whatcom achieved its first NSF grant (cybercamps for high school students) in several years after earning this designation.
  - ▶ Received another NSF grant the following year (Capacity building in Cybersecurity).
- 

- ▶ Asked to assume leadership role for CyberWatch West, an NSF funded ATE center on the West Coast.
  - ▶ Invited to participate on other security related grants because of our reputation.
- 



# CAE2Y Benefits

- ▶ Expanded opportunities – other departments in the college cite our status as a CAE2Y in grant applications.
  - ▶ Sets our curriculum apart from other colleges.
  - ▶ Sought out by industry to contribute to different projects in the area.
- 

# CAE2Y

- ▶ Entire school is invested in our status as a CAE2Y. Certificate is displayed in a prominent location at the college.
- ▶ Put Whatcom Community College on the map.

- ▶ Corrinne Sande
- ▶ [csande@whatcom.ctc.edu](mailto:csande@whatcom.ctc.edu)

# Ivy Tech Community College

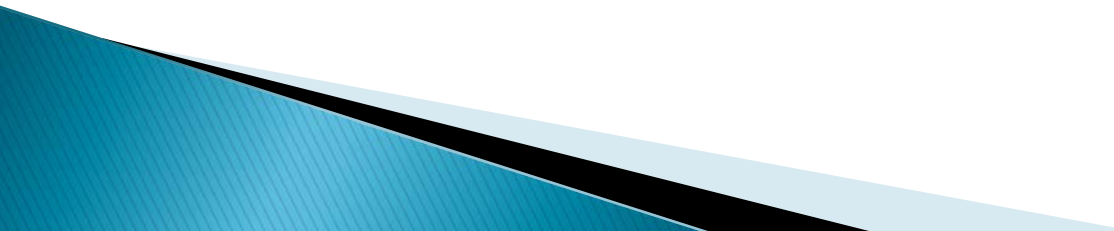


**CHANGING LIVES  
MAKING INDIANA GREAT**

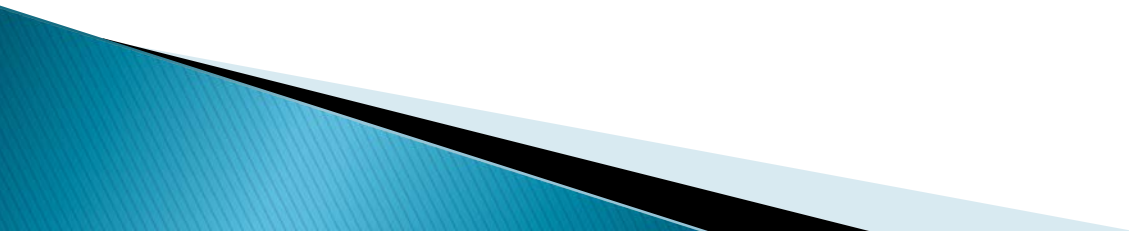
# **Ivy Tech Community College**

- The only Community College in Indiana
  - 14 Regions
  - 20+ Campus

# Fall 14 Initiative

- Rewriting all curriculum
  - Moving toward a more competency based approach
  - Remapping to include the new CAE2Y requirements and...
- 

# EMPLOYER INPUT #1 CONSIDERATION



# Ivy Tech Community College



**CHANGING LIVES  
MAKING INDIANA GREAT**



# *Defense Cyber Crime Center*

*A National Cyber Center*

National Centers of Digital Forensics  
Academic Excellence  
(CDFAE)



Dawn Blanche  
Instructional Specialist  
Anne Arundel Community College

# CDFAE Overview

- National Centers of Digital Forensics Academic Excellence (CDFAE)
  - Objectives
    - Establish Common Core Curricula
    - Advance research and education
    - Program Quality Control
    - Path to meet National Cyber needs
    - Ensure knowledge and practicum of program
  - Strategy
    - Collaborative requirements development (government, academia, professional organizations, and industry)
    - Measure program quality through peer review, student comprehension and community involvement

# Objective of CDFAE

Workforce Demand

Potential  
Workforce

Skilled  
Workforce



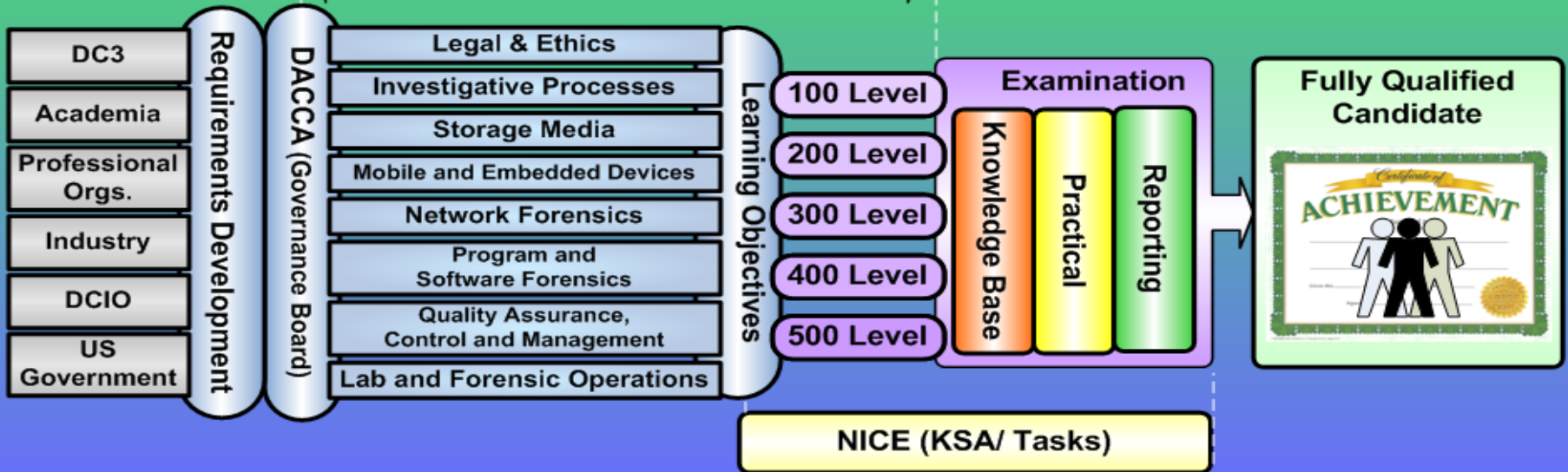
1<sup>st</sup> & 2<sup>nd</sup> Learners



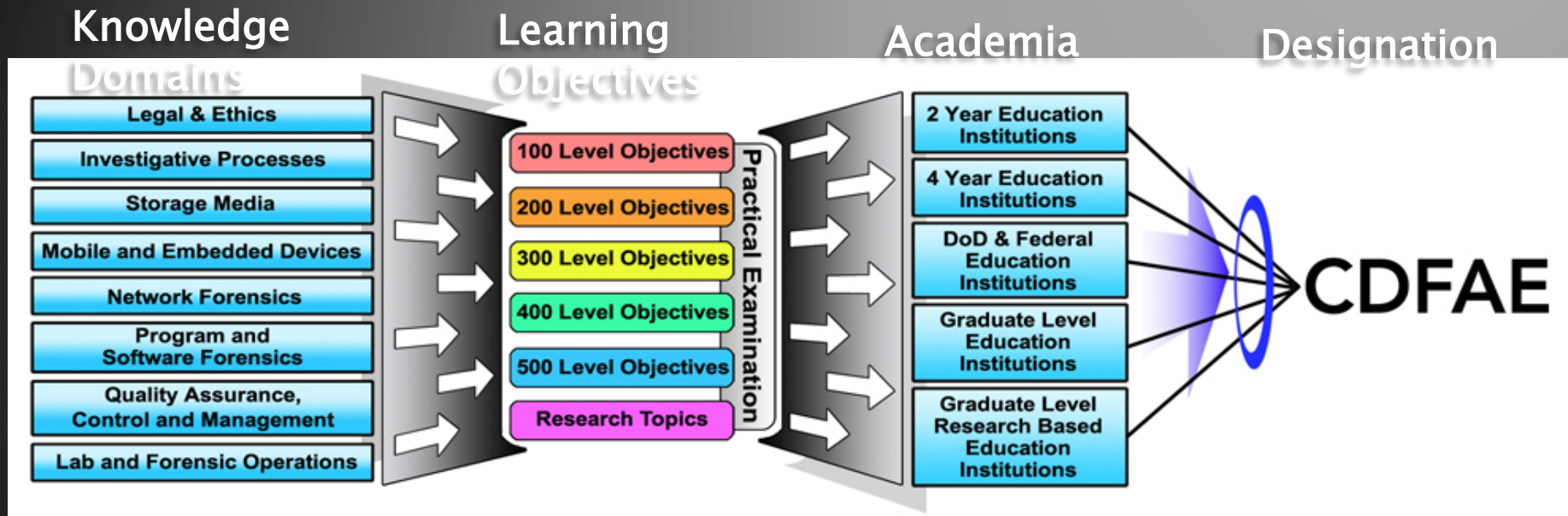
# CDFAE - How It Works



2 & 4 Year Education Institutions,  
Graduate Level Education Institutions,  
DoD & Federal Education Institutions



# CDFAE - How It Works



- Designed to create:
  - Applied knowledge (Hands-On)
  - Knowledge applied (Theoretical and Research)
- Designation provided to Applicant School's program and the student

# CDFAE Designation

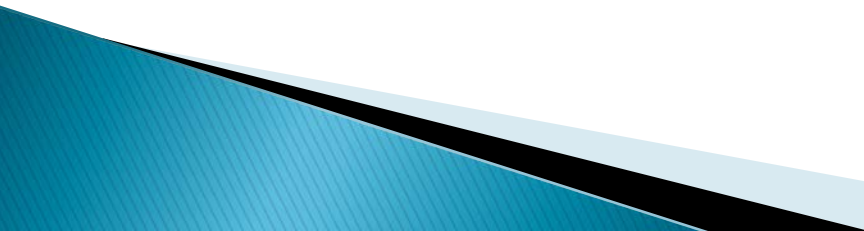
- Applicant school must map their courses 100% to learning objectives levels for designations:
  - Levels 100 and 200 - Cyber Incident Responder
  - Levels 300 and 400 - Digital Forensics Examiner
- CDFAE program designation provides:
  - Three year designation for applicant school's program
  - Recognition to students whom:
    - Take CDFAE program courses at designated institutions
    - Pass the CDFAE standardized practical

# CDFAE Governance – DACCA

## DC3 Academic Cyber Curriculum Alliance

- Air Force Institute of Technology
- Norwich University
- Oklahoma State University
- Utica College
- Anne Arundel Community College
- Howard Community College
- Johns Hopkins Carey Business School
- Stevenson University
- American Academy Forensic Science / Forensic Education Program Accreditation Committee

# Application Process

- Signed Educational Partnership Agreement (EPA) with DC3
  - Application Requirements
    - Accredited 2-year, 4-year, or Post-Graduate Institution
    - Have a declared forensics program
    - Demonstrated management commitment to program
    - Designated program coordinator
    - Teach forensics courses and continual staff development
    - Laboratory (Physical or Physical/Virtual)
  - Demonstrate how curriculum ties to CDFAE Learning Objectives
  - Program evaluated against learning objectives and set guidelines
    - Yes: CDFAE designated for 3 years
    - No: Reapply in 12 months
- 



# *Defense Cyber Crime Center*

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*A National Cyber Center*

For more information:

<http://www.dc3.mil/cdfae/>



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