

## Orange Coast College


Costa Mesa, CA

**National Convergence Technology Center  
National Visiting Committee Meeting**  
April 17-18, 2013  
Frisco, TX




## Highlights

- In 2011-2012 OCC has had 290 students who have taken at least one course in Convergence/ICT
- We have awarded over 20 Certificates of Specialization
- Improvement seen in female / under representative populations
- OCC has taken a leadership role in new and updated curriculum development
- During the next 12 months OCC will
  - Invite new community colleges into the CCN network
  - Work with Universities on Baccalaureate articulation agreements modeled after University of North Texas
  - Work with our local BILT to develop a new Certificate of Achievement in Health Information Technology



## Summary of SOW

- Current Program Lead Areas
  - Convergence / ICT
    - Network Technician
    - Network Infrastructure Specialist
    - Virtualization and Cloud Computing
    - Networking Services
  - Network Administration
    - Microsoft Windows MCSE
    - Linux Administration
- New Programs Under Development
  - Health Information Technology (HIT) using the Convergence / ICT program as a foundation
  - Updating programs/curriculum
    - Residential Networking and Technologies
    - Voice Over IP Technology
    - Wireless Technology




## Leadership Engagement

- CTC Leadership Events/Activities
  - Working Connections/IT Faculty Development
    - Three instructors brought for training in Summer/Winter 2012
      - Virtualization
      - Security
      - Juniper Routing
    - Courses offered with new curriculum in 2012/2013
  - Presented at:
    - Hi-Tech Conference / Denver, CO / July, 2012
      - Presentations on:
        - » Teaching Cloud Computing
        - » Preparation to Teach IPv6
    - NCWE Conference / Long Beach, CA / Oct, 2012
      - Presentation on Convergence College Network
    - Cloud Summit / Frisco, TX / Nov, 2012
      - Presentation on Preparation to Teach IPv6
    - MPICT Winter Conference / San Francisco, CA / Jan, 2013
      - Presentations on:
        - » Teaching Cloud Computing
        - » Teaching Voice Over IP
  - BILT Meeting held at OCC / Nov, 2012
    - Initial planning meeting for new HIT Certificate Program
    - SKA discussion in the areas on network services, virtualization and cloud computing
  - Member of CCN Advisory Council



## Student Engagement

- Based on CCN recommendations, Stackable Certificates were created and passed through curriculum
  - Network Technician
  - Network Infrastructure Specialist
  - Enterprise Routing Specialist
  - Virtualization and Cloud Computing
  - Network Security Specialist
  - Network Services and Applications
  - Network Professional
  - Network Administrator / Windows
  - Network Administrator / Linux
- Over 10 of the new stackable certificates have been awarded in the Fall of 2012




## Convergence College Network

- Attended MPICT Winter Conference in San Francisco, CA / January 2013 and met with several colleges in regards to joining the CCN
  - Initial contacts with colleges shows potential. Will be following up with the colleges during 2013




## Professional Development

- Attended both Summer and Winter Working Connections / Frisco, TX
  - Preparing to teach VMware classes
  - Preparing to teach Juniper classes
- Will be attending Summer Working Connections / Frisco, TX / July, 2013
  - Preparing to teach Citrix classes
  - Preparing to teach Forensic classes



## Articulation

- Have begun discussion with Brandman University, Irvine, CA on articulating Convergence / ICT courses as part of their BS/Information Technologies using the University of North Texas model



## Virtual Labs

- Working with CTC to update curriculum and develop Virtual Labs for:
  - Residential Networking Technologies
    - Media and Storage Servers
  - Voice Over IP
    - VoIP Gateways and Call Mangers
  - Fundamentals of Wireless
    - Wireless Network Controllers

