

Lansing Community College

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





Highlights

- Student enrollment in our ATE related courses
- Outreach and recruitment activities
- Student, leadership, and BILT Engagements
- Promoting the Convergence College Network
- Professional Development activities
- Articulation and curriculum updates
- Future focus and goals




Student Enrollment

- Enrollment Numbers for 2012
 - 460 students enrolled in ATE related courses
 - 63 completers
 - 95 left the program
 - Other demographic information (50 gave no response)
 - Male: 387 / Female: 64
 - Hispanic/Latino: 6
 - Am Indian or AK Native: 1
 - Asian: 15 / Black or AA: 40
 - Native HI or Pacific Isle: 7
 - Multiracial: 8 / White Non-Hispanic: 333
 - ADA requests: 12




Student Engagement

- Created two CT certificates to attract students to new and cutting edge technologies
 - Residential Networking Specialist
 - Convergence Technology



Student Engagement

- Residential Networking Specialist
 - Not just another Certificate of Completion
 - Collaborated with our peers in the Technical Careers Division
 - Includes courses in Convergence Technology, Basic Electronics, and Residential Construction
- Convergence Technology
 - Certificate of Achievement at 42 credits
 - A stackable certificate that fits between our IT Foundations certificate at 19 credits and the Computer Networking and Info Security degree at 64 credits
 - Adding core curriculum and planned new courses based upon industry certifications from VMware, EMC Storage, and CompTIA Cloud+ this certificate can easily be expanded into a full associates degree



Student Engagement

- Recruitment/retention events and activities
 - Met with members of the college counseling and advising group and discussed what Convergence Technology is and how it is beneficial to the students
 - High tech/High skill students employers are looking for
 - Created a Convergence Technology flyer that we provided to our college recruitment office to be distributed at college recruitment events
 - Promotion of Convergence Technologies by CIT faculty within our CIT courses



Leadership Engagement

- Working Connections North being hosted by Lansing Community College in June 2013
- ATE PI Conference
 - Attended the Getting Started for New Grantees workshop
- Cloud Summit at the Texas Community College Technology Forum - November
 - Presented a session on IPv6 with Bill Saichek
- Planning Sessions
 - LCC is part of the team that is revising the Home Technology Integration course with content to be shared by members of the Convergence College Network
- BILT advisory meetings – employer surveys and feedback



BILT Engagement

- The CIT program at Lansing Community College continues to have twice yearly Advisory Committee meetings with our Business and Industry partners
 - Faculty discuss what we are doing to insure student success
 - We also do a “round robin” session in which the employer representatives get to introduce themselves to the group, talk about their business and what they do, and provide a brief description of their current and future hiring plans and needs



BILT Engagement

- Annually the networking and support faculty host a targeted focus group of BILT members to discuss the specific needs of the networking arena which now includes several Convergence Technologies
 - During this meeting we review the industry trends and skills that our students will need now and in the immediate future
 - Includes review of the Job Skills Analysis worksheet



Convergence College Network

- Promotion of the Convergence College Network
- CCN Activities
 - Part of team that presented at HI-TEC 2012 promoting the benefits to colleges that join the CCN
 - Attended TRENDS conference to increase awareness of and recruit regional colleges into the CCN
 - Two CCN recruitment presentations scheduled for Summer/Fall 2013
 - International High Performance Building Conference being hosted by LCC in June
 - TRENDS conference in October
 - *Fast Track New Technologies Into Your IT Curriculum*



Professional Development

- Lansing Community College is hosting Working Connections North June 3rd through the 7th
 - 3 training tracks are being offered
 - Ethical Hacking
 - EMC Cloud & Infrastructure Services
 - Mobile Application Development
 - As of Friday we had 25 registrants
 - Getting excellent support from the CTC and other members of the CCN in making this happen



Articulation

- Currently we have articulation agreements with several four-year universities including Davenport, Lawrence Tech, and Northwood which are based on our recently revised networking degree
 - Some overlap with our Convergence courses
- Recently met with representatives from Ferris State University to review our articulation agreement so we could integrate our updated networking degree which includes many of our current and future CT courses
 - Ferris State University – 88/36 credits
 - Davenport University – talks just beginning



Virtual Lab

- Planning to propose and launch courses in VMware and EMC Storage during the next curriculum cycle
 - We will be utilizing NetLab for the hands-on section of these courses
 - Our CCN partner Florida State College at Jacksonville has agreed to host our labs and will let us utilize their equipment for student use



Future Focus and 12 month Goals

- *Meeting the employment needs of local business and industry*
 - Continue to evaluate the course and curriculum outcomes to ensure they are aligned with the needs of business and industry
 - Twice yearly advisory meetings and annual focus groups where a Job Skills Analysis can be completed
 - Continue to observe industry trends and track regional and local job postings



Future Focus and 12 month Goals

- *Improve recruitment of students into our technology program*
 - Use college resources for opportunities to recruit and retain underserved students
 - Attend recruitment activities that are scheduled by the college recruitment office
 - Travel to local high schools/ISDs to promote our network and convergence programs
 - Travel to regional conferences/workshops to promote the Convergence College Network
 - Continue to create partnerships with 4 year universities for articulation opportunities



Future Focus and 12 month Goals

- *Update the curriculum to reflect the in-demand skills that are required by industry*
 - Continue to form academic partnerships with major technology companies
 - VMware, EMC, and CEDIA
 - Propose and launch courses that meet the needs of industry
 - Virtualization – VMware: Install, Configure, and Manage
 - Storage Management – EMC Information Storage and Management
 - Cloud Technologies – Course based on the objectives of the CompTIA certification exam
 - Propose and submit a full Convergence Technology Associate Degree

