


Collin College

**National Convergence Technology Center
National Visiting Committee Meeting
April 16-17, 2014
Frisco, TX**




Highlights

- Enrollment in Convergence, Computer Networking, Cisco & Cybersecurity courses:
 - Fall 2013 – 975 (+7.5%) vs. Fall 2012 – 907
- Graduates in 2013:
 - A Total of 13 AAS degrees and 7 Certificates (20 total awards) vs. 33 total awards in 2012. (Growth in 2012 was greater than 20% over 2011.)
 - Declared Majors during 2013:
 - 18 in Convergence Technology
 - 147 in Computer Networking Programs (MS and Cisco)
 - 204 in Information Systems Cybersecurity




Highlights

- Three AAS degree programs at Collin revised to 60 SCH to meet legislative mandate.
 - Some courses reduced from 4 credit courses to 3 credit courses. (More student homework)
- Convergence Program updated:
 - DHTI and introductory Convergence Technologies courses removed.
 - CCNA-3 and CCNA-4 converted to elective options. (Other options include VoIP, DSP and Security+)
 - New Cloud+ Computing Fundamentals and VmWare virtualization courses now required.
 - Curriculum for both courses developed and successful initial offering of Cloud+ Course in Fall 2013.



Highlights

- 60 SCH plan for Information Systems Cybersecurity program partially completed. Final plan due in August/September 2014.
- Focus for the next 12 months will be aimed at revitalizing the Convergence degree program by marketing effectively to students.




Highlights

Continued to increase enrollment of women in IT courses. (153 out of 975 credit enrollments in 2013 - 15.7% vs. 124 out of 824 credit enrollments in 2012 - 15.1%)

Technical Dual Credit Program


- Collin's Engineering Dept. continued working with area School Districts.
 - We offered 13 courses at 5 SD's in Fall 2013. (9 courses ran at 4 SD's)
 - We have followed up with 7 courses at 4 SD's in Spring 2014. (6 courses ran at 4 SD's.)
 - Wylie East HS (IT Essentials followed by Network+)
 - Prosper HS (Network+ followed by Security+)
 - Allen HS (IT Essentials followed by Robotic Fundamentals)
 - Frisco ISD (CCNA-3 followed by CCNA-4)



Leadership Engagement

Jon Hardesty's CTC Leadership Engagement:

- Presented Collin College Report to the NVC Meeting in May
- Presented on Stackable Certificates to CCN meeting in July
- Three Quarterly National BILT Conference Calls
- Numerous CTC Leadership Phone Calls
- Converged College Network Calls
- Attended 2013 HiTEC Conference in Austin, TX in July (Accompanied recent graduate Laurel Phillips as advisor)
- Attended the Tech Forum at Collin College in November
- Attended ATE PI Conference in October (Accompanied recent graduate Steadman Smith as advisor)



Student Engagement

- Six students participated in Co-operative Work Experiences/Internships
 - Zhen Wu at iBasis
 - Walter Zaldana at Ericsson Wireless Engineering Support
 - Daniel Garcia at Alcatel-Lucent GNOC
 - Forest Johnson at UT-Southwestern Medical Center
 - Venu Johnson at Ericsson Telecommunications
 - Blaise Wabo at A-align CPA's
- Three students completed the Virtual Internship/Externship in ITNW 2474-Advanced Computer Networking Case Study course in Spring 2013 (External Advisor: Tu Huynh; Prof. Cope Crisson)
- Two students sponsored to make presentations:
 - Laurel Phillips at Hi-TEC in Austin
 - Steadman Smith at ATE PI Conference
- Eighty-One (duplicated) Technical Dual Credit Students took courses in ATE-related programs in 2013.



Leveraging the DoL Grant

- Virtual Lab allowed VmWare course and virtualization into Convergence and Networking programs.
- Tutoring resources in Networking (Microsoft & Cisco) and cybersecurity have been quite valuable for many students.
 - Offered at PRC and SCC Monday-Saturday (e.g. 31 hrs each week in April)
 - One-on-one time with tutors is valuable addition to course instruction
- Career Coaches support new/current students:
 - Identifying appropriate college resources
 - Bridge courses (Student Success, Math, Writing, Reading)
 - Industry certification test preparation resources
- Career Coaches are supportive of exiting students:
 - Resume Workshops
 - LinkedIn Workshops
 - Interview Workshops
 - Mock Interviews
 - Job Fair (January, and April 30th)



Professional Development

- Hi-Tec Conference in Austin
- Winter Working connections at Collin College in December
- Tech Forum at Collin College in November
- Engineering Department Evening Speaker Series:
 - Seven Invited Lectures (five on Computer Networking and/or Cybersecurity topics)



Articulation

- Continuing Agreements:
 - BA in IT at Univ. of North Texas
 - Bachelor of Applied Arts & Sciences degree at Univ. of North Texas
- New Agreements:
 - Western Governor's University of Texas
 - Touro University Worldwide

