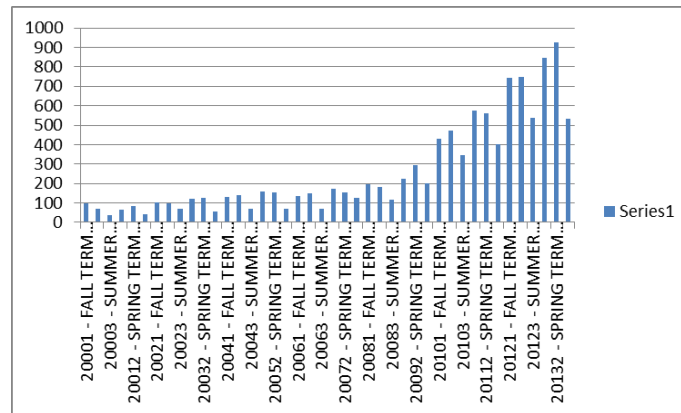


Convergence Technology Center National Visiting Committee Spring 2013

FSCJ – Partner Highlights

Networking AS Degree Program Growth

We have had strong enrollment growth over the last several years. Part of the growth can be attributed to the economy but since our partnership the CTC we have added new college credit certificates and modified our program to be more modular. The modular nature of the program has allowed students to acquire the specific skills they need in short focused technology training. Current unduplicated enrollment is at 738 students with 60 graduates.



Networking Services Technology (Network Support) (2156) (A.S.)

The Networking Services Technology program is for individuals interested in beginning or advancing a career in computer/network support. Computer and network support involves installing, configuring, repairing, and managing computer and network hardware and software. It includes both hands-on skills and knowledge of theory and concepts. Because network technology is constantly changing and evolving, learning in this field never ends. The emphasis of the program is on teaching students a broad base of skills and knowledge in network and systems administration while also allowing the flexibility for students to pursue individual interests and specialties. With the ever-changing demands of the technology job market, this broad background and flexibility increases career opportunities available to graduates.

Five technical certificates are available within this degree program: **Information Technology Technician (Desktop Support) (6945) (T.C.)**, **Information Technology Management (Systems Administrator) (6946) (T.C.)**, **Computer Forensics Technician (6947) (T.C.)**, **Advanced Network Support Technician (6948) (T.C.)** and **Information Technology Management (PC Support/Cyber Technician) (6108) (T.C.)**. Students may pursue the A.S. degree and earn technical certificates while completing the requirements for the degree, or pursue one or more certificates to develop or upgrade their skills in a particular field.

Outreach and Recruitment information

- August 12, 2012- Tour for local Youth Crisis
- September 18, 2012- Tour for local Youth Crisis
- October 16, 2012- Career Showcase for High Students
- November 8, 2012- Career Showcase for High
- November 28, 2012- Meeting with local high schools concerning dual enrollment

CNN Activities

- November 8, 2012 Networking Program Business Advisory Board Meeting
- November 13-16, 2012- CTC BILT Meeting Plano, TX
- March 19, 2013 Networking Program Business Advisory Board Meeting

Recognitions

- December 14, 2012- Interviewed by Florida Trend Magazine on Virtualization and value of vendor certifications. Publication is read by about 250,000 people.
- February 11, 2013- Presented for Florida Senate Education Committee on the value of Virtualization programs and credit for vendor certifications.
- The Networking program was recently approved by the National Centers of Academic Excellence in Information Assurance Education Program in the 4011 program. We have submitted our application to be considered for CAE/2Y program and should find out in the next month if we are accepted. The program is offered annually and is open to nationally or regionally accredited four-year colleges and universities for their graduate and undergraduate programs.
- Dr. Wally Eaton, faculty member in the Networking program was invited to First Coast News (ABC/NBC) tonight discuss Cybersecurity as it related to the Jacksonville Electric Authority's denial of service attacks. He also promoted our networking program on television as a way for people to understand and combat security threats.

Future Focus for the next 12 months

- Host Summer Working Connection's South
- Promote the CCN to more schools
- Continue to grow Business Advisory Committee
- Host more recruiting and outreach events

Summary of Statement of Work

- Creating new entry level virtualization course for colleges and high schools
- Creating new virtual internship
- Hosting SWC for about 80 faculty the week of July 15th.

Leadership Engagement

- November 8, 2012 Networking Program Business Advisory Board Meeting
- November 13-16, 2012- CTC BILT Meeting Plano, TX
- March 19, 2013 Networking Program Business Advisory Board Meeting

- December 14, 2012- Interviewed by Florida Trend Magazine on Virtualization and value of vendor certifications. Publication is read by about 250,000 people.
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Student Engagement

- Worked with team of educators and business professionals to create a new Computer Networking curriculum framework that included and new AS degree and 11 new certificates. Framework was approved at the state level and will be adopted at the college level this year. See link on this page for new Network Systems Technology degree- http://www.fl DOE.org/workforce/dwdframe/it_cluster_frame13.asp
- We have provided high school technology summer camps for a couple years. The camps this year will focus on virtualization using product called VDI in a Box. We have a team of people creating the content and virtualizing the delivery. We expect to host over 40 middle and high school students at this summer camps. The emphasis of the camp will be on educational opportunities to train as a Network Virtualization engineer. The students will also have the opportunity to visit a network virtualization data center.
<http://fscjsummercamps.eventbrite.com/>

Converged College Network

- Recruited New CCN Members-
 - Brevard Community College
 - Daytona State College
 - Polk State College
 - Seminole State College
 - Tallahassee Community College
 - Working with several others

Professional Development

- Hosting Summer Working Connections South the week of July 15th.
- Four Tracks- Wireshark, VMware, EMC, Mobile Device Programming
- In December 2012 held a training session for our college faculty on using Netlab

Articulation

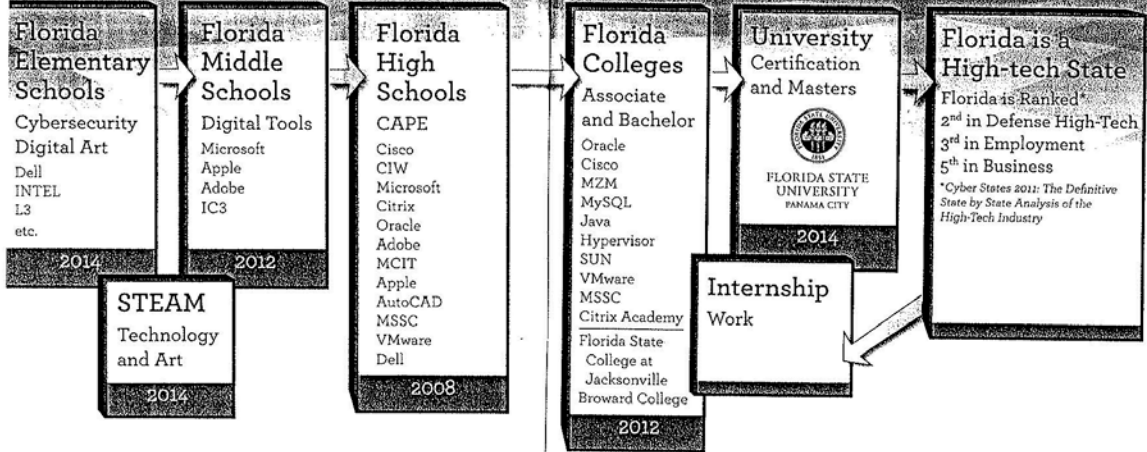
- Seven new articulation with high schools based on credit for certifications.
- Assisting two universities in Florida on creating a Masters in Cloud Computing.

Virtual Labs

- Providing Hosting of virtualized curriculum using Netlab
- Created new course for high schools or colleges that want an introduction to virtualization. Beta test new course at high school summer camp this summer.
- Created new virtual internship course to provide a platform for internship students to showcase real technical skills.
- Virtualized A+ software

Preparing Florida Students for Work in a High-Tech Florida

Cloud Virtualization • Big Data • Analytics



Florida is a high-tech employment state, with companies increasingly seeking a workforce trained in cloud virtualization and big data utilization. That's why the Florida State Board of Education and the State College and University System are working together to increase digital fluency in Florida students from elementary school through graduate school, giving them opportunities to gain highly sought-after industry certifications in addition to their traditional education.

Leading Florida educational institutions, including Florida College at Jacksonville, the Citrix Academy at Broward College and Florida State University Panama City, are building a pathway for students to receive job skills throughout the education process. And now, through a grant from the National Science Foundation, students with an associate or bachelor's degree can graduate with industry-recognized certifications embedded in their degree, creating a direct path to employment.

Even those already in the workforce can now receive academic credit for certifications they have earned, creating opportunities for promotion and encouraging a better educated workforce. This program creates a stronger workforce, can save businesses up to 40 percent in operating costs and will help attract high-tech industry to our state.

For more about the how Florida's schools are working together to prepare students for high-tech jobs in Florida, contact Dr. Ernie Friend at efriend@facj.edu.