

CaseStudy

Florida Community College at Jacksonville (FCCJ) uses the ATLAS 550 as a key element of their hands-on training.

EDUCATION

Florida Community College-Jacksonville



"The ATLAS 550 has been essential in providing dial-up and Frame Relay circuits for our CCNA/CCNP courses. We are also planning to use the ATLAS 550 in future courses in Data Security, Voice over IP, and Virtual Private Networks."

*Ernie Friend,
Director of Academic Systems,
FCCJ*



FLORIDA
COMMUNITY
COLLEGE
★
AT JACKSONVILLE

www.fccj.edu

FCCJ, one of the seven Cisco Academy Advanced Training Centers in the United States, is known for its networking programs. Graduating students in the Network Engineering Technology Department's networking programs have a 100% placement rate due to the high quality of training students receive. ADTRAN's ATLAS 550 makes this training possible. It provides students access to the Wide Area Network (WAN) circuits at a tremendous cost savings to FCCJ.

"I think we have been successful at FCCJ because of our high educational standards and the fact that our staff simply won't compromise the requirements for academic knowledge or performance," said FCCJ Instructor Cheryl Schmidt. "FCCJ emphasizes the importance of high-quality hands-on instruction. In fact, our students are able to spend approximately 75% of their class time working on actual equipment because we have hardware like the ATLAS 550."

ATLAS 550 GIVES INSTRUCTORS THEIR OWN CENTRAL OFFICE

One of the biggest challenges instructors face when doing technical, hands-on training is how to provide enough circuits for all students to test their configurations during class time. The ATLAS 550 can emulate a telephone company switch and provide Frame Relay, ISDN, and analog lines.

Specific benefits to FCCJ in using the ATLAS 550 are:

- **Flexibility in class schedule**
The ATLAS 550 provides the ability to schedule multiple classes at a time since it is a portable central office and can be easily relocated between rooms.
- **Efficiency of student's time**
Students don't waste valuable class time waiting to gain access to WAN circuits. The ATLAS 550 provides up to 32 analog lines, eight Frame Relay circuits, and 18 ISDN lines so students can test their equipment as soon as they finish their hardware configuration.
- **Cost savings**
To equal the number of WAN circuits provided by the ATLAS 550 typically requires added PBX hardware, numerous circuits from the telephone company, and other investments that are more costly than the ATLAS 550.



About FCCJ

FCCJ is dedicated to meaningful learning and excellent teaching, enabling individuals to achieve their hopes, dreams and full potential. As a result, FCCJ is a leading partner in creating a dynamic, prosperous community of enlightened leaders and thoughtful, effective, global citizens. FCCJ is one of the nation's largest Cisco Networking Academies. In addition, the FCCJ Academy is one of only seven Cisco Network Academy Advanced Training Centers in the U.S. These centers provide training for Cisco Network Academy instructors. The FCCJ program's quality and success can be measured in the placement rate of its students. For the past six years, the networking programs in the Network Engineering Technology Department have had a 100% placement rate for graduating students.

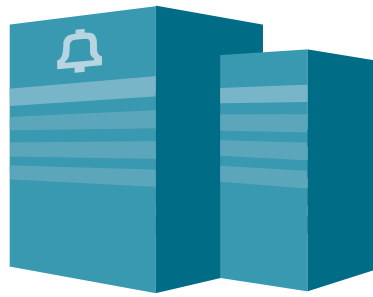
Florida Community College-Jacksonville offers:

- 75 associate in science degree programs
(Graduates from associate in science degree programs have higher starting salaries, on average, than graduates from bachelor's degree programs in the state of Florida.)
- 61 associate in applied science degree programs
- 1 applied technology certificate
- 14 college credit certificate programs
- 48 career certificate programs
- 3 continuing workforce education programs
- GED, high school completion, adult basic education and English as a second language programs
- A broad array of continuing education opportunities
- Contract training for employers

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The ATLAS 550 serves as a central office in a box and offers a significant cost advantage when compared to the monthly costs of telephone company circuits.

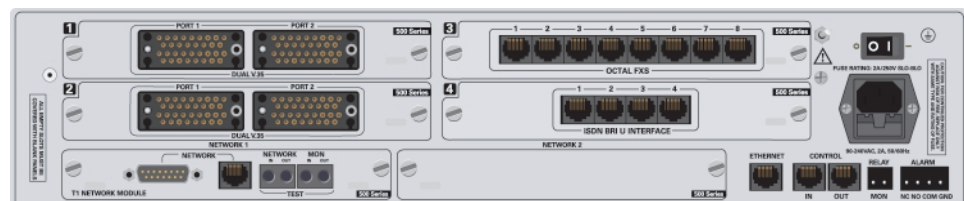
"The ATLAS 550 has been a key component in providing our students an environment that simulates the "real world" of networking. It enables us to provide high-quality education so our graduates can find great jobs in the IT networking industry," said Ernie Friend, Director of Academic Systems, FCCJ.

ABOUT CISCO'S CERTIFICATION PROGRAMS

The CCNP certification program offered through the Cisco Networking Academy Program, provides an advanced networking curriculum covering topics such as installation, configuration, operation, troubleshooting, and managing of enterprise networks. Targeted at colleges and universities, the CCNP Certification is one of many certified curriculums offered through the Networking Academy Program. Cisco Certified Networking Associate (CCNA) for networking fundamentals is targeted at secondary and post-secondary levels. CCIE, or Cisco Certified Internetworking Expert, is the highest level certification rating. It covers the most advanced topics for multiprotocol networks and WAN backbone switching for integrated voice, data and Internet traffic.

ATLAS 550 FLEXIBILITY

ISDN BRI	1-16 Circuits
ISDN PRI	1-18 Circuits
Frame Relay	1-8 Circuits (500 PVCs)
Analog (POTS)	1-32 Circuits



For more information on the pre-configured ADTRAN ATLAS 550 for WAN emulation, contact SIGMANet, the sole source provider of ATLAS 550 equipment to Cisco Networking Academies worldwide, at ccnx@sigmanet.com or 1-866-554-5535.