Arkansas Delta Information Systems & Cyber Technician Education Initiative

PROJECT GOALS AND ACTIVITIES

Increase the quality and capacity of **Skilled Technicians** and **Qualified Faculty** in the Information Systems Program.

Project Activities:

- Recruitment
- Student Retention and Support
- Curriculum Revisions and Delivery
- Pre-professional Opportunities
- Industry Partnerships
- Faculty Professional Development & Recruitment

PROJECT ACTIVITIES FOR YEARS 1, 2, & 3
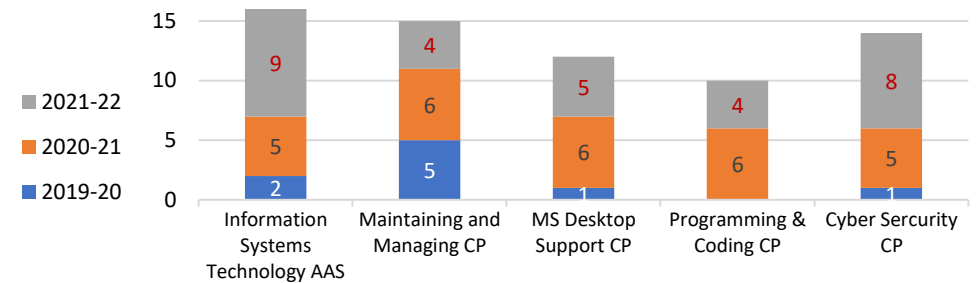
Accomplished:

- Cyber Security Workshops – Campus-wide
- Online Bootcamps: ITF+, A+, and Security+ CompTIA Certification
- CompTIA Academy for industry certifications with student testing vouchers provided
- InfoSec Learning Labs – high tech simulations and curriculum revision
- Team Teaching Model: Hire full-time Instructor and provide multiple professional development opportunities for faculty
- Zoom and On-Campus Tutoring Sessions led by faculty
- Student laptops and hotspots provided by college
- NetLab+ virtualization platform with "hands-on" simulations

In Progress and Ongoing:

- Recruitment: career fairs, industry expos, and informational workshops
- Curriculum Revisions for course technology updates
- Boot Camps with CompTIA Academy for industry certifications
- Project Web Page
- Advisory Council including Business and Industry support
- Team Teaching Model: mentoring, professional development, and industry certifications

DEGREES AND CERTIFICATES EARNED

Total Graduates - 67

Legend:
- 2021-22 (grey)
- 2020-21 (orange)
- 2019-20 (blue)

Category	2019-20	2020-21	2021-22
Information Systems Technology AAS	2	5	9
Maintaining and Managing CP	5	6	4
MS Desktop Support CP	1	6	5
Programming & Coding CP		6	4
Cyber Sercurity CP	1	5	8

CONFIDENCE IN SKILLS

Skills measured:
- Manage time effectively
- Understand network technology terminology
- Ability to code, debug, & test applications
- Configure firewalls & servers
- Understand tools, software, & systems
- Apply critical thinking skills
- Configure desktop operating systems
- Build virtual machines
- Understand cybersecurity concepts
- Communication/customer service skills

Legend:
- Extremely (blue)
- Very (yellow)
- Somewhat (grey)
- Not Very (orange)