



# Arkansas Delta Information Systems and Cyber (DISC) Education Initiative



**NSF Grant No. 1901877**

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## Cover Page

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### Recruitment Materials

- Program Information Brochure
  - Informational Post Card
  - Tabletop Pop-up Banner
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Phillips Community College of the University of Arkansas  
P.O. Box 785 | 1000 Campus Drive  
Helena-West Helena, Arkansas 72342  
Phone: (870) 338-6474 | Fax: (870) 338-7543

# U of A PHILLIPS

## Information Systems Technology

Enter one of the world's fastest growing fields! In today's constantly changing information systems technology environment, this two-year degree program is designed to prepare students for information technology careers in networking, programming and coding, and/or cyber security.

Through "hands-on" experience and high tech curriculum, students learn a broad range of technology and networking skills to equip them for the information technology workforce. Students can earn specialized certificates of proficiency and use these certificates as a pathway to receive industry certifications and/or an Information Systems Technology degree.

This program is also designed for students already working in the field to update their skill sets and advance their career.



- Flexible Scheduling
- Online Options
- Study Resources
- Virtual Labs
- Cutting Edge Technology
- Industry Certifications



**Accreditation Council for  
Business Schools & Programs**

### CAMPUS CONTACTS:

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## Information Systems Technology

### Associate of Applied Science

<b>Group I (ACTS)</b>	<b>English / Fine Arts – 6 Hours</b>
EH 113 (ENGL 1013)	Composition I
EH 123 (ENGL 1023)	Composition II
<b>Group II (ACTS)</b>	<b>Social Sciences – 3 Hours</b>
ES 213 (ECON 2103)	Macroeconomics
PSY 213 (PSYC 1103)	General Psychology
SY 213 (SOC 1013)	Fundamentals of Sociology
<b>Group III (ACTS)</b>	<b>Science / Mathematics – 3 Hours</b>
MS 123 (MATH 1103)	College Algebra
MS 143	Technical Math
MS 193 (MATH 1113)	Quantitative Reasoning
<b>Group V (ACTS)</b>	<b>Computer Technology – 3 Hours</b>
CT 113 (CPSI 1003)	Computer Information Systems
<b>Group VI (ACTS)</b>	<b>Required Courses – 30 Hours</b>
BAN 263 (BUSI 2013)	Business Communication
CT 163	Introduction to Programming/Coding in Visual Basic
CT 173	Network Administration
NT 123	MS Networking Essentials
NT 133	Help Desk Support
NT 143	Linux Operating Systems
NT 163	Introduction to Cloud Computing
NT 173	Introduction to Virtualization
NT 193	Maintaining & Managing Personal Computers
NT 213	Information Security Essentials: Introduction to Cyber Security
<b>Programming/Coding Option – 15 Hours</b>	
CT 233	Prog./Coding for Web Design
CT 263	Coding in Java/Java Script
CT 273	Relational Database Apps
CT 293	Programming/Coding in C#
CT 1243	Web Applications Coding
<b>Cyber Security Option – 15 Hours</b>	
CYS 103	Scripting Fundamentals
CYS 113	Advanced Linux Operating Sys.
CYS 123	Intrusion Detection/ Prevention
CYS 133	Network Security Fundamentals
CYS 143	Ethical Hacking/Networking Def.

Note: Certificates of Proficiency are listed on the back.

[www.pccua.edu](http://www.pccua.edu)

Rev. 8/23



This project is supported by the National Science Foundation under Grant No. 1901877. PI Contact: Cindy Grove, [cgrove@pccua.edu](mailto:cgrove@pccua.edu).

# Information Systems Technology

## Certificates of Proficiency

<b>MS Operating Systems Desktop Support</b>	
Group VI (ACTS)	Required Courses – 12 Hours
CT 113 (CPSI 1003) or CT 153	Computer Information Systems or Computer Operating Systems
CT 173	Network Administration
NT 133	Help Desk Support
NT 163	Introduction to Cloud Computing

<b>Maintaining &amp; Managing PCs</b>	
Group VI (ACTS)	Required Courses – 12 Hours
CT 113 (CPSI 1003) or CT 153	Computer Information Systems or Computer Operating Systems
NT 123	MS Network Essentials
NT 193	Maintaining & Managing Personal Computers
NT 213	Information Security Essentials: Introduction to Cyber Security

<b>Programming and Coding</b>	
Group VI (ACTS)	Required Courses – 18 Hours
CT 113 (CPSI 1003)	Computer Information Systems
CT 163	Introduction to Programming/Coding in Visual Basic
CT 233	Programming/Coding for Web Design
CT 263	Coding in Java/Java Script
CT 293	Programming/Coding in C#
CT 1243	Web Applications Coding

<b>Cyber Security</b>	
Group VI (ACTS)	Required Courses – 18 Hours
NT 123	MS Network Essentials
NT 143	Linux Operating Systems
NT 213	Information Security Essentials: Introduction to Cyber Security
CYS 103	Scripting Fundamentals
CYS 113	Advanced Linux Operating Systems
CYS 123	Intrusion Detection/Prevention



*PCCUA provides equal educational and employment opportunity without regard to age, race, gender, national origin, disability, religion, marital or parental status, veteran status, genetic information or sexual orientation.*

<b>Information Systems Technology – Career Options</b>	
Help Desk Technician	Computer Support Specialist
Network Administrator	Information Security Analyst
Web Developer	Cyber Security Analyst
Software Developer	Computer Programmer
Database Administrator	Information Systems Manager

<b>Get a Degree or Certificate in Information Systems Technology!</b>
<p>According to the U. S. Department of Labor, the Bureau of Labor Statistics indicates:</p> <p><b>Job Shortage:</b> Information Technology professionals are in demand!</p> <p><b>Employment Growth:</b> Employment in the Information Systems Technology field is expected to grow 18% over the next decade with a 37% growth in cyber security related fields.</p> <p><b>Job Forecast:</b> Computer and Information Technology occupations are projected to add about 560,000 new jobs by 2026 and more than 50,000 new cyber security jobs are projected annually.</p> <p><b>Digital Transformation:</b> Technology is embedded within every business and industry, therefore technology skill sets and certifications provide long-term job security and higher than average salary.</p>

# INFORMATION SYSTEMS TECHNOLOGY

## Certificate Options:

- Programming/Coding
- Cyber Security

- Flexible Scheduling
- Online Options
- Virtual Labs
- Cutting Edge Technology



## Career Opportunities

Help Desk Technician  
Computer Support Specialist  
Network Administrator

Cyber Security Analyst  
Web/Software Developer  
Computer Programmer

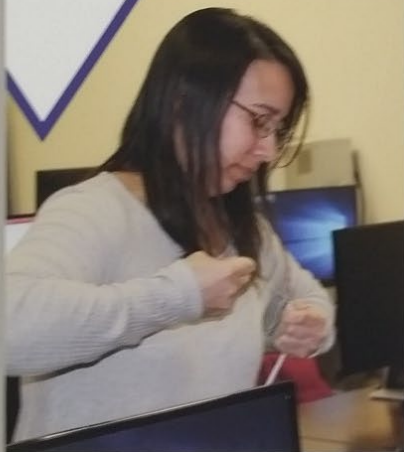
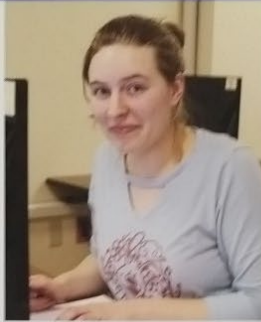
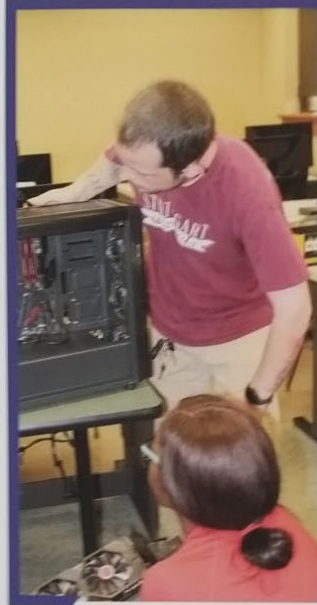
### CAMPUS CONTACTS:

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# Information Systems Technology



**Certificate Options:**

- Programming/Coding
- Cyber Security

