SCHOOL OF BUSINESS
Networking Specialist AAS Degree (NS13)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 5 Terms
Credit Hours Required for Graduation 66

Purpose: The Networking Specialist Associate of Applied Science degree program provides students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

<u>**Program Courses**</u>   <u>**Credits**</u>

General Core Courses   **Total 15 credit hours**

Area I Language Arts/Communication   3
     ENGL   1101 Composition and Rhetoric (required)

Area II Social/Behavioral Sciences   3

Area III Natural Sciences/Mathematics   3
(one of the following required)
     MATH 1101 Mathematical Modeling
     MATH 1111 College Algebra
     MATH 1127 Introduction to Statistics

Area IV Humanities/Fine Arts   3
General Education Elective from any area   3

Contact program advisor for program-specific courses and see General Education Requirements for Associate Degrees for course options.

Occupational Courses   **Total 35 credit hours**
     CIST   1001 Computer Concepts   4
     CIST   1122 Hardware Installation and Maintenance   4
     CIST   1130 Operating Systems Concepts   3
     CIST   1401 Computer Networking Fundamentals   4
     CIST   1601 Information Security Fundamentals   3
     COLL 1010 College and Career Success Skills   3
     Electives   14

Completion of the following specialization required:

Microsoft (8M13)   **Total 16 credit hours**
     CIST   2411 Microsoft Client   4
     CIST   2412 Microsoft Server Directory Services   4
     CIST   2413 Microsoft Server Infrastructure   4
     CIST   2414 Microsoft Server Administrator   4

Estimated cost of books and supplies for full program is approximately $1,000.

SCHOOL OF BUSINESS
Networking Specialist Diploma (NS14)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 4 Terms
Credit Hours Required for Graduation... 52

Purpose: The Networking Specialist diploma program provides students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses			Credits
Basic Skills Courses			**Total 9 credit hours**
COLL	1010	College and Career Success Skills	3
ENGL	1010	Fundamentals of English I	3
MATH	1012	Foundations of Mathematics	3
Occupational Courses			**Total 27 credit hours**
CIST	1001	Computer Concepts	4
CIST	1122	Hardware Installation and Maintenance	4
CIST	1130	Operating Systems Concepts	3
CIST	1401	Computer Networking Fundamentals	4
CIST	1601	Information Security Fundamentals	3
Electives			9

Completion of the following specialization required:

Microsoft Specialization (8M42)			Total 16 credit hours
CIST	2411	Microsoft Client	4
CIST	2412	Microsoft Server Directory Services	4
CIST	2413	Microsoft Server Infrastructure	4
CIST	2414	Microsoft Server Administrator	4

Estimated cost of books and supplies for full program is approximately $900.

SCHOOL OF BUSINESS
Network Support Specialist Certificate (NS31)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 1 Term
Credit Hours Required for Graduation.. 10

Purpose: The Network Support Specialist certificate program provides basic training in networking support. Students are introduced to the basic networking support skills. Upon graduation, students will be able to maintain networks using Windows networking software.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses	Credits
COLL 1010 College and Career Success Skills	3
CIS Operating Systems Elective	3

Select one of the following:

	Credits
CIST 1401 Computer Networking Fundamentals	4
CIST 2412 MS Server Installation and Maintenance	(4)

Estimated cost of books and supplies for full program is approximately $300.

CompTIA A+ Certified Preparation Certificate (CA61)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 1 Term
Credit Hours Required for Graduation.. 10

Purpose: The CompTIA A+ Certified Preparation certificate program provides computer users with the basic entry-level skills working toward CompTIA A+ certification.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses	Credits
COLL 1010 College and Career Success Skills	3
CIST 1122 Hardware Installation and Maintenance	4
CIST 1130 Operating Systems Concepts	3

Estimated cost of books and supplies for full program is approximately $300.

SCHOOL OF BUSINESS
CompTIA A+ Certified Technician Preparation Certificate (CA71)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 2 Terms
Credit Hours Required for Graduation.. 18

Purpose: The CompTIA A+ Certified Technician Preparation certificate program is designed to provide computer users with the skills and knowledge necessary to take the CompTIA A+ certification exam. Earning CompTIA A+ certification shows that the individual possesses the knowledge, technical skills and customer relations skills essential for working as a successful entry-level computer service technician.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses			**Credits**
CIST	1001	Computer Concepts	4
CIST	1122	Hardware Installation and Maintenance	4
COLL	1010	College and Career Success Skills	3
CIS Operating Systems Elective			3
CIS Elective			4

Estimated cost of books and supplies for full program is approximately $600.

iOS App Development in Swift (IAD1)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 3 Terms
Credit Hours Required for Graduation.. 11

Purpose: The iOS App Development in Swift certificate prepares students for positions in app development for the Apple iPad, iPhone, and Apple Watch Series. The program emphasizes the knowledge and skills required to design, develop, test and document structured and object-oriented programs Swift and Xcode.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses			**Credits**
CIST	1306	Programming Foundations - Swift	3
CIST	2301	Application Development in Swift I	4
CIST	2302	Application Development in Swift II	4

Estimated cost of books and supplies for full program is approximately $300.

SCHOOL OF BUSINESS
Network Technician Certificate (NT21)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 1 Term
Credit Hours Required for Graduation.. 14

Purpose: The Network Technician certificate program provides basic training in computer information systems networking. Students are introduced to the basic concepts of network administration. Upon graduation, students will be able to install, configure, and maintain networks using Windows networking software.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses			Credits
CIST	1001	Computer Concepts	4
CIST	1401	Computer Networking Fundamentals	4
COLL	1010	College and Career Success Skills	3
CIS Operating Systems Elective			3

Estimated cost of books and supplies for full program is approximately $300.

PC Repair and Network Technician Certificate (PR21)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 2 Terms
Credit Hours Required for Graduation.. 18

Purpose: The PC Repair and Network Technician certificate program prepares students with the skills needed to perform personal computer troubleshooting and repair.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses			Credits
CIST	1001	Computer Concepts	4
CIST	1122	Hardware Installation and Maintenance	4
CIST	1130	Operating Systems Concepts	3
CIST	1401	Computer Networking	4
COLL	1010	College and Career Success Skills	3

Estimated cost of books and supplies for full program is approximately $600.

SCHOOL OF BUSINESS
Cybersecurity AAS Degree (CY13)
Offered at Clarkesville Campus

Entrance Date.. Fall, Spring, Summer
Length of Program .... 5 Terms
Credit Hours Required for Graduation...60

Purpose: The Cybersecurity degree program provides students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking. Program graduates are qualified for employment as Cybersecurity Specialist or Information Security Analysts.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

<u>Program Courses</u>	<u>Credits</u>
General Core Courses	**Total 15 credit hours**

Area I Language Arts/Communication	3
ENGL 1101 Composition and Rhetoric (required)	
Area II Social/Behavioral Sciences	3
Area III Natural Sciences/Mathematics	3

(One of the following required)

MATH 1101 Mathematical Modeling	
MATH 1103 Quantitative Skills & Reasoning	3
MATH 1111 College Algebra	

Area IV Humanities/Fine Arts	3
General Education Elective from any area	3

Contact program advisor for program-specific courses and see General Education Requirements for Associate Degrees for course options.

Occupational Courses	**Total 41 credit hours**
COLL 1010 College and Career Success Skills	3
CIST 1001 Computer Concepts	4
CIST 1122 Hardware Installation & Maintenance	4
CIST 1401 Computer Networking Fundamentals	4
CIST 1601 Information Security Fundamentals	3
CIST 1602 Security Policies & Procedures	3
CIST 2601 Implementing Operating Systems Security	4
CIST 2602 Network Security	4
CIST 2611 Network Security	4
CIST 2612 Computer Forensics	4
CIST 2613 Ethical Hacking and Penetration Testing	4
Elective	4

Estimated cost of books and supplies for full program is approximately $1,000.

SCHOOL OF BUSINESS
Cybersecurity Diploma (CY12)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 4 Terms
Credit Hours Required for Graduation... 44

Purpose: The Cybersecurity diploma program provides students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the basic skills areas of English and mathematics, as well as in the technical areas of computer terminology and concepts, computer networking, and network security. Program graduates are qualified for employment as Computer Network Security Specialists or Information Security Analysts.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Courses	Credits
Basic Skills Courses	**Total 9 credit hours**
COLL 1010 College and Career Success Skills	3
ENGL 1010 Fundamentals of English I	3
MATH 1012 Foundations of Mathematics	3
Occupational Courses	**Total 35 credit hours**
CIST 1001 Computer Concepts	4
CIST 1122 Hardware Installation and Maintenance	4
CIST 1401 Computer Networking Fundamentals	4
CIST 1601 Information Security Fundamentals	3
CIST 2601 Implementing Operating Systems	4
CIST 2602 Network Security	4
CIST 2612 Computer Forensics	4
CIS Networking Elective	8

SCHOOL OF BUSINESS
Cybersecurity Fundamentals Certificate (CW71)
Offered at Clarkesville Campus

Entrance Dates .... Fall, Spring, Summer
Length of Program .... 2 Terms
Credit Hours Required for Graduation... 18

Purpose: The Cybersecurity Fundamentals certificate is a sequence of courses designed to provide students with an understanding of the fundamental concepts, principles and techniques required in computer information processing. Completion of the certificate will prepare students to either continue more advanced studies in cybersecurity leading toward a diploma or AAS degree or broaden their current computer information knowledge base.

Admission Requirements:
- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

<u>Program Courses</u>			<u>Credits</u>
CIST	1001	Computer Concepts	4
CIST	1122	Hardware Installation and Maintenance	4
CIST	1401	Computer Networking	4
CIST	1601	Computer Networking Fundamentals	3
CIST	1602	Information Security Fundamentals	3

Estimated cost of books and supplies for full program is approximately $750.