

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 Graduation66

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

Program Courses

Credits

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
<i>(one of the following required)</i>	
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 \$3,500.

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 Graduation52

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 2 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 \$3,500.

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 Graduation10

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:

CIST 1401	Computer Networking Fundamentals	4
CIST 2414	MS Server Administrator	(4)

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

SCHOOL OF BUSINESS

Computer Forensic and Investigation Specialist Certificate (CF31)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program 3 Terms
 Credit Hours Required for Graduation 27

Purpose: The Computer Forensics and Investigation Specialist certificate program includes occupational and specialized courses designed to provide academic and professional training to student in detecting and investigating computer related criminal activity and/or unauthorized use. The curriculum is designed to develop knowledge and skills in technical evidence identification, investigative computer systems, information security, search and seizure, and the administration of criminal sanctions.

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	1601	Information Security Fundamentals	3
CIST	1602	Security Policies and Procedures	3
CIST	2612	Computer Forensics	4
CIST	2620	Computer Security/Corporate Fraud	3
CRJU	1021	Private Security	3
CRJU	1062	Methods of Criminal Investigation	3
CIST	2411	Microsoft Client	4
or			
CIST	1130	Operating Systems Concepts	(3)

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

SCHOOL OF BUSINESS

CompTIA A+ Certified Preparation Certificate (CA61)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program1 Term
 Credit Hours Required for Graduation10

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 \$500.

CompTIA A+ Certified Technician Preparation Certificate (CA71)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program2 Term
 Credit Hours Required for Graduation18

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.

SCHOOL OF BUSINESS

iOS App Development in Swift (IAD1)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program 3 Terms
 Credit Hours Required for Graduation11

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 \$400.

Network Technician Certificate (NT21)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program1 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 \$400.

SCHOOL OF BUSINESS

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 Graduation18

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 \$400.

SCHOOL OF BUSINESS

Web Application Development AAS Degree (IS 43)

Offered at Clarkesville Campus

Entrance Date Fall, Spring, Summer
 Length of Program 5 Terms
 Credit Hours Required for Graduation 64

Purpose: The Web Application Development 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.

<u>Occupational Courses</u>	<u>Total 41 credit hours</u>
COLL 1010 College and Career Success Skills	3
CIST 1001 Computer Concepts	4
CIST 1220 Structured Query Language (SQL)	4
CIST 1305 Program Design and Development	3
CIST 1510 Web Development I	3
CIST 1520 Scripting Technologies	3
CIST 1601 Information Security Fundamentals	3
CIST 2351 PHP Programming I	4
CIST 2352 PHP Programming II	4
CIST 2550 Web Development II	3
CIST 2921 IT Analysis, Design, and Project Management	4
CIST 2950 Web Systems Project	3
or	
CIST 2991 CIST Internship I	(3)

Select one of the following programs

CIST 2341 C# Programming I	4
CIST 2342 C# Programming II	4
or	
CIST 2371 Java Programming I	(4)
CIST 2372 Java Programming II	(4)

Estimated cost of books and supplies for full program is approximately \$3,500.

SCHOOL OF BUSINESS

Web Application Development Diploma (IS 42)

Offered at Clarkesville Campus

Entrance Dates.....Fall, Spring, Summer
 Length of Program 4 Terms
 Credit Hours Required for Graduation52

Purpose: The Web Application Development 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 35 credit hours

CIST	1001	Computer Concepts	4
CIST	1220	Structured Query Language (SQL)	4
CIST	1305	Program Design and Development	3
CIST	1510	Web Development I	3
CIST	1520	Scripting Technologies	3
CIST	1601	Information Security Fundamentals	3
CIST	2351	PHP Programming I	4
CIST	2352	PHP Programming II	4
CIST	2550	Web Development II	3
CIST	2921	IT Analysis, Design, and Project Management	4

Select one of the following programs

CIST	2341	C# Programming I	4
CIST	2342	C# Programming II	4
or			
CIST	2371	Java Programming I	(4)
CIST	2372	Java Programming II	(4)

Estimated cost of books and supplies for full program is approximately \$3,500.