



**DATABASE ADMINISTRATION
ASSOCIATE IN APPLIED SCIENCE**

Your Butler experience will prepare you to design and manage the construction of databases and related software programs and applications, including the linking of individual data sets to create complex searchable databases (warehousing) and the use of analytical search tools (mining). This program provides training for the following certifications: CompTIA Network+, CompTIA Security+, CompTIA A+, MCITP: Database Administrator, MCTS: Windows Vista Configuration, MCTS: Windows Server 2008 Networking Infrastructure Configuration.

General Education Requirements 15 Hours

Communications		
___ English Comp I	(EG 101)	3
___ Technical Writing	(EG 112)	3
___ Public Speaking	(SP 100)	3

Science, Math and Computer Science		
___ Math Requirement	(MA 114 or above)	3

Social/Behavioral Science		
___ Sociology	(BS 105) OR	3
___ General Psychology	(BS 160)	

Required Courses 42 Hours

First Semester		
___ Programming Concepts	(IN 105)	3
___ Supporting Desktop Systems	(IN 106)	3
___ Supporting Networked Comp.	(IN 133)	3

Second Semester		
___ Network Servers**	(IN 131)	3
___ Principles of Infor Assurance	(IN 2001)	3
___ Introduction to SQL Language	(IN 228)	3
___ SQL Server 2005 Implementation	(IN 238)	3

Third Semester		
___ XHTML w/CSS	(IN 112)	3
___ Designing DB Serv. Infrastructure	(IN 268)	3
___ Optimizing/Maintaining Data Sol.	(IN 269)	3
___ C#	(IN 201)	3
___ Network Clients	(IN 130)	3

Fourth Semester		
___ Small Bus Mgmt	(BA 109) OR	
___ Intro to Marketing	(BA 140)	3

Technical Electives
Any IN courses

9 Hours

Students can achieve additional certifications by selecting the following technical electives:

Windows Server 2008 Administrator	
___ Networking Management	(IN 237)
___ Network Directory Services I	(IN 150)

Windows Server 2008 Enterprise Administrator	
___ Enterprise Networking I	(IN 140)
___ Networking Management	(IN 237)
___ Network Directory Services II	(IN 250)

CompTIA Linux +	
Linux on the Desktop	(IN 240)
Linux as a Server	(IN 249)

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 42 credit hours of required courses, choose 6 credit hours of Technical electives.

**Database Administration
Career Program**

Degree Offered: Associate in Applied Science in Database Administration

Credits Required: 63

Contact: Steve Strom, Lead Instructor, at 316.218.6143 or sstrom@butlercc.edu

Prior to Admission

Students enrolling in Computer Information Technology programs need to be computer literate and able to manipulate basic computer applications. Because of the high level of math and reading required in Information Technology, students should have ASSET math and reading scores of 39 or ACT scores of 18 in English and 21 in Math.

Articulation Agreements

K-State at Salina

Related Programs

- Database Administration
- Digital Media
- Digital Media Specialist
- Digital Media Business Specialist
- Information Assurance & Digital Forensics
- Internetworking Management
- Internetworking Management Business Specialist
- Software Development
- Web Development
- Web Development Specialist
- Web Development Business Specialist
- Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

Additional Costs

Additional lab fees are assessed to each program course and subject to change.

DIGITAL MEDIA

Associate in Applied Science

Your Butler experience will prepare you to use graphics, sound, and video software to manipulate images and information originating as film, video, still photographs, digital copy, soundtracks, and physical objects. Students create multimedia projects designed to inform, educate and entertain.

General Education Requirements

Course		15 Hours
Communications		9
___English Comp I	(EG 101)	3
___Public Speaking	(SP 100)	3
___One other course	(EG 102 or EG 112)	3

Science, Math and Computer Science

___Math Requirement	(MA 114 or above)	3
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Social/Behavioral Science/Fine Arts

One course from the following		3
___Sociology	(BS 105)	3
___General Psychology	(BS 160)	3
___Art Appreciation	(AR 100)	3

Required Courses

First Semester		45 Hours
___Cyber Marketing	(BA 219)	3
___Programming Concepts	(IN 105)	3
___Flash Fundamentals	(IN 115)	3
___Digital Graphics w/Photoshop	(IN 122)	3
___Intro to Digital Design	(IN 124)	3

Second Semester

___XHTML w/CSS	(IN 112)	3
___Digital Video Editing	(IN 117)	3
___Digital Audio	(IN 119)	3
___Logo Design w/Illustrator	(IN 123)	3
___Digital Storyboarding	(IN 145)	3

Third Semester

___Digital Media Publishing Tools	(IN 208)	3
___Flash ActionScript	(IN 216)	3
___2D Animation & Cartooning I	(IN 217)	3
___Info Technology Ethics	(IN 275)	3

Fourth Semester

___Digital Media Capstone	(IN 299)	3
___3-D Computer Animation I	(BA 128)	3

Related Electives

___3D Computer Animation II	(BA 228)	3
___Dreamweaver	(IN 114)	3
___XML Programming	(IN 116)	3
___Info Tech Business Solutions	(IN 290)	3
___Internships	(IN 193, 194)	1-3
___Cooperative Ed I, II, III, IV	(IN 197, 198, 297, 298)	2-6
___Special Topics	(IN 253)	3
___Special Topics	(IN 254)	3

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 45 credit hours of required courses, choose 3 credit hours from the list of Related Elective:

Digital Media

Career Program

Degree Offered: Associate in Applied Science

Credits Required: 63

Contact: Shiva Kumar, Lead Instructor, at 316.218.6132 or e-mail skumar@butlercc.edu

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration

Digital Media

Digital Media Specialist

Information Assurance & Digital Forensics

Internetworking Management

Software Development

Web Development

Web Development Specialist

Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

Additional Costs

Additional lab fees are assessed to each program course and subject to change.



**DIGITAL MEDIA SPECIALIST
CERTIFICATE**

Your Butler experience will prepare you to use graphics, sound, and video software to manipulate images and information originating from film, video, still photographs, digital copy, soundtracks, and physical objects. Students create multimedia projects designed to inform, educate and entertain.

Required Courses		33 Hours
___Flash Fundamentals	(IN 115)	3
___Digital Video Editing	(IN 117)	3
___Digital Audio	(IN 119)	3
___Logo Design w/ Illustrator	(IN 123)	3
___Intro to Digital Design	(IN 124)	3
___Digital Media Publishing Tools	(IN 208)	3
___2D Animation & Cartooning	(IN 217)	3
___Digital Media Capstone	(IN 299)	3
___4D Animation Concepts	(IN 174)	3
___Digital Graphics w/Photoshop	(IN 122)	3
___Digital Storyboarding	(IN 145)	3

Certificate requires 33 credit hours.

Digital Media Specialist Certificate

Certificate of Completion in
Digital Media Specialist

Credits Required: 36

Contact: Shiva Kumar, Lead Instructor, at 316.218.6132 or
e-mail skumar@butlercc.edu

Program Information

This certificate program can be converted to the Digital Media Associate in Applied Science degree by adding the appropriate general education courses which will add to your employability and future income. Cooperative Education opportunities will also add to your income potential.

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration, Digital Media, Digital Media Specialist, Digital Media Business Specialist, e-Business Application, Information Assurance & Digital Forensics, Internetworking Management, Internetworking Management Business Specialist, Software Development, Web Development, Web Development Specialist, Web Development Business Specialist, Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

Additional Costs

Additional lab fees are assessed to each program course and subject to change.

INFORMATION ASSURANCE & DIGITAL FORENSICS

Associate in Applied Science

Your Butler experience will prepare you to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. Students completing the curriculum mapped to National Security Administration (NSA) standards will receive the corresponding CNSS 4011 certification, that designates federal training standards.

General Education Requirements 15 Hours

Communications 9

___English Comp I	(EG 101)	3
___Technical Writing	(EG 112)	3
___Public Speaking	(SP 100)	3

Science, Math and Computer Science 3

___Math Requirement	(MA 135 or above)	3
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Social/Behavioral Science 3

___Sociology	(BS 105) OR	
General Psychology	(BS 160)	3

Required Courses 45 Hours

First Semester

___Programming Concepts	(IN 105)	3
___Supporting Desktop Systems	(IN 106)	3
___XHTML w/CSS	(IN 112)	3
___Supporting Networked Comp	(IN 133)	3

Second Semester

___Network Clients	(IN 130)	3
___Network Server	(IN 131)	3
___Lennox on the Desktop	(IN 240)	3
___Principles of Info Assurance	(IN 2001)	3

Third Semester

___Network Management	(IN 237)	3
___SQL Server Implementation	(IN 238)	3
___Network Security	(IN 2002)	3
___Secure Electronic Commerce	(IN 2003)	3

Fourth Semester

___Enterprise Security Mgt.	(IN 2004)	3
___Digital Forensics	(IN2005)	3
___Small Business Management	(BA 109) OR	
Intro to Marketing	(BA 140)	3

A total of 60 credit hours is required for this degree.

Information Assurance and Digital Forensics

Career Program

Degree offered: Associate in Applied Science

Credits Required: 60

Contact: Larry Evans, Lead Instructor, at 316.218.6142

Additional Costs

Additional lab fees are assessed to each program course and subject to change

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Articulations

K-State at Salina

Related Programs

Database Administration
Digital Media
Digital Media Specialist
Information Assurance & Digital Forensics
Internetworking Management
Software Development
Web Development
Web Development Specialist
Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.



INFORMATION ASSURANCE & DIGITAL FORENSICS

CERTIFICATE

Your Butler experience will prepare students with information technology experience for careers as Systems Assurance Auditor, Information Security Officer, IT Security Analyst, Network Security Architect, or Computer Forensics Analyst. Because the curriculum has been mapped to the National Security Administration (NSA) standards, students satisfactorily completing the following coursework will receive the corresponding CNSS 4011 certification.

Required Courses

		27 Hours
___Supporting Desktop Systems	(IN 106)	3
___Network Clients	(IN 130)	3
___Network Server	(IN 131)	3
___Principles of Info Assurance	(IN 2001)	3
___Network Security	(IN 2002)	3
___Secure Electronic Commerce	(IN 2003)	3
___Enterprise Security Mgt.	(IN 2004)	3
___Digital Forensics	(IN 2005)	3
___Linux on the Desktop	(IN 240)	3

A total of 27 credit hours is required for this degree.

Information Assurance and Digital Forensics

Certificate of Completion

Credits Required: 27

Contact: Larry Evans, Lead Instructor, at 316.218.6142

Additional Costs

Additional lab fees are assessed to each program course and subject to change

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Articulations

K-State at Salina

INTERNETWORKING MANAGEMENT

ASSOCIATE IN APPLIED SCIENCE

Your Butler experience will prepare you to oversee and regulate the computer system and performance requirements of an entire organization or network of satellite users. Instruction includes performing balancing; redundancy; CISCO router configuration; Local and Wide Area Networking. This program provides training for the following certifications: CISCO CCNA and CompTIA A+. Courses are taught by CISCO Certified Academy Instructors (CCAI).

General Education Requirements

15 Hours

Communications

9

___English Comp I	(EG 101)	3
___Technical Writing	(EG 112)	3
___Public Speaking	(SP 100)	3

Science, Math and Computer Science

3

___Math Requirement	(MA 114 or above)	3
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Social/Behavioral Science

3

___Sociology	(BS 105) OR	
___General Psychology	(BS 160)	3

Required Courses

36 Hours

First Semester

___Programming Concepts	(IN 105)	3
___Supporting Desktop Systems	(IN 106)	3
___Supporting Networked Comp.	(IN 133)	3

Second Semester

___XHTML w/CSS	(IN 112)	3
___Network Clients	(IN 130)	3
___Network Servers	(IN 131)	3

Third Semester

___Internetworking Fund	(IN 245)	3
___Router Technologies	(IN 246)	3

Fourth Semester

___Routing & Switching	(IN 247)	3
___Internetworking Protocols	(IN 248)	3
___Princ of Info Assurance	(IN 2001)	3
___Small Bus Mgmt	(BA 109) OR	
___Intro to Marketing	(BA 140)	3

Technical Electives

12 Hours

___PC Visual Basic Programming	(IN 108)	3
___Enterprise Networking	(IN 140)	3
___Network Directory Services I	(IN 150)	3
___JAVA Programming	(IN 211)	3
___JAVA Prog & Web Design	(IN 214)	3
___Networking Management	(IN 237)	3
___SQL Server 2005 Implementation	(IN 238)	3
___Linux on the Desktop	(IN 240)	3
___Linux as a Server	(IN 249)	3
___Network Directory Services II	(IN 250)	3

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 36 credit hours of required courses, choose 12 credit hours of Technical electives.

Students can achieve additional certifications by selecting the following technical electives:

MCSA

___Network Management	(IN 237)
___SQL Server 2005 Implementation	(IN 238)

MCSE

___Enterprise Networking	(IN 140)
___Network Directory I	(IN 150)
___Network Management	(IN 237)
___SQL Server 2005 Implementation	(IN 238)
___Network Directory Services II	(IN 250)

MCDBA

___Enterprise Networking I	(IN 140)
___Intro to Database Management	(IN 223)
___Client Server Application Dev	(IN 224)

CompTIA Linux +

___Linux on the Desktop	(IN 240)
___Linux as a Server	(IN 249)

Internetworking Management

Career Program

Degree Offered:

Associate in Applied Science

Credits Required: 63

Contact: Larry Evans, Lead Instructor, at 316.218.6142

Articulation Agreements

K-State at Salina

Accreditation

Butler is an approved CISCO Academy.

Additional Costs

Additional lab fees are assessed to each program course and subject to change.

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration, Digital Media, Digital Media Specialist, Digital Media Business Specialist, Information Assurance & Digital Forensics, Internetworking Management, Internetworking Management Business Specialist, Software Development, Web Development, Web Development Specialist, Web Development Business Specialist, Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

After Butler

Recent graduates hold entry-level positions as Network and Computer Systems Administrators

Wages: Salary/hourly rates are dependent on skill level, experience and location.



**SOFTWARE DEVELOPMENT
ASSOCIATE IN APPLIED SCIENCE**

Your Butler experience will prepare you to focus on the general writing and implementation of generic and customized programs to drive operating systems including applying the methods and procedures of software design and programming to software installation and maintenance.

Software Development

Career Program
Degree Offered: Associate in Applied Science
Credits Required: 63
Contact: Shiva Kumar, Lead Instructor, at 316.218.6312 or skumar@butlercc.edu

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration, Digital Media, Digital Media Specialist, Digital Media Business Specialist, e-Business Application, Information Assurance & Digital Forensics, Internetworking Management, Internetworking Management Business Specialist, Software Development, Web Development, Web Development Specialist, Web Development Business Specialist, Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Articulation

K-State at Salina

After Butler

Recent graduates hold positions as computer programmers and related positions.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

Additional Costs

Additional lab fees are assessed to each program course and are subject to change.

General Education Requirements

Course		15 Hours
Communications		9
___English Comp I	(EG 101)	3
___Public Speaking	(SP 100)	3
___Technical Writing	(EG 112)	3

Science, Math and Computer Science		3
___Math Requirement	(MA 114 or above)	3

Social/Behavioral Science Requirement		3
___Sociology	(BS 105)	3
or		
___General Psychology	(BS 160)	3

Required Courses 36 Hours

First Semester		
___Programming Concepts	(IN 105)	3
___XHTML w/CSS	(IN 112)	3
___PC Visual Basic.NET	(IN 108)	3

Second Semester		
___Intro to Programming w/C++	(IN200)	3
___Intro to SQL Language	(IN 228)	3
___XML	(IN 116)	3

Third Semester		
___Client Side Scripting	(IN 2023)	3
___C#	(IN 201)	3

Fourth Semester		
___Java Programming	(IN 211)	3
___Server Side Programming	(IN2024)	3
___Programming for Wireless & ___ Handheld Devices	(IN 261)	3
___PHP & Databases	(IN 118)	3

Related Electives		12 Hours
___In any IN Courses		

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 36 credit hours of required courses, choose any 12 "IN" credit hours.

**WEB DEVELOPMENT
ASSOCIATE IN APPLIED SCIENCE**

Your Butler experience will prepare you to develop and maintain Web servers and their hosted Web pages and to function as designated Webmaster. These skills are foundational for jobs such as Web designer, Internet developer, interface designer, HTML scripter, and Web site coordinator. Web development skills are used in a variety of jobs, including corporate communications, education, architecture, advertising.

General Education Requirements

Course		15 Hours
Communications		
___English Comp I	(EG 101)	3
___Public Speaking	(SP 100)	3
___Technical Writing	(EG 112)	3

Science, Math and Computer Science		
___Math Requirement	(MA 114 or above)	3

Social/Behavioral Science Requirement

Humanities/Fine Arts		3
One course from the following		
___Sociology	(BS 105)	3
___General Psychology	(BS 160)	3
___Art Appreciation	(AR 100)	3

Required Courses **42 Hours**

First Semester		
___Programming Concepts	(IN 105)	3
___XHTML w/CSS	(IN 112)	3
___Introduction to Digital Design	(IN 124)	3
___Web Graphics	(IN 135)	3

Second Semester		
___Flash Fundamentals	(IN 115)	3
___Dreamweaver	(IN 114)	3
___Network Basics	(IN 134)	3

Third Semester		
___Intro. to SQL Language	(IN 228)	3
___2D Animation	(IN 217)	3
___Logo Designs w/Illustrator	(IN 123)	3
___Network Servers	(IN 131)	3

Fourth Semester		
___Flash ActionScript	(IN 216)	3
___Princ. of Information Assurance	(IN 2001)	3
___Enterprise Networking	(IN 140)	3

Related Electives		6 Hours
Any IN class from multimedia, software development or networking. In addition, the following BA classes are acceptable:		
___3D Computer Animation I	(BA 128)	3
___3D Computer Animation II	(BA 228)	3
___Cyber Marketing	(BA 219)	3

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 42 credit hours of required courses, choose 6 credit hours from the list of Related Electives.

Web Development

Career Program
Degree Offered: Associate in Applied Science
Credits Required: 63
Contact: Shiva Kumar, Lead Instructor, at 316.218.6132 or skumar@butlercc.edu

Additional Costs

Additional lab fees are assessed to each program course and subject to change.

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration, Digital Media, Digital Media Specialist, Information Assurance & Digital Forensics, Internetworking Management, Software Development, Web Development, Web Development Specialist, Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Articulation

Kansas State University/Salina

After Butler

Recent graduates hold entry-level positions as Web Designers, Web Developers, and Webmasters.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

**WEB DEVELOPMENT SPECIALIST
CERTIFICATE**

Your Butler experience will prepare you to develop and maintain Web servers and their hosted Web pages and to function as designated Webmaster. These skills are foundational for jobs such as Web designer, Internet developer, interface designer, HTML scripter, and Web site coordinator. Web development skills are used in a variety of jobs, including corporate communications, education, architecture, and advertising.

Required Courses		33 Hours
___Introduction to Programming	(IN 105)	3
___Network Basics	(IN 134)	3
___XHTML w/CSS	(IN 112)	3
___Dreamweaver	(IN 114)	3
___Flash Fundamentals	(IN 115)	3
___Intro to Digital Design	(IN 124)	3
___Web Graphics	(IN 135)	3
___Intro. to SQL Language or 2D Animation	(IN 228) or (IN 217)	3
___Principles of Info Assurance	(IN 2001)	3
___Network Services	(IN 131) or	
Logo Design w/Illustrator	(IN 123)	3
___Enterprise Networks	(IN 140) or	
Flash ActionScript	(IN 216)	3

Certificate requires 33 credit hours.



WINDOWS ADMINISTRATION

ASSOCIATE IN APPLIED SCIENCE

Your Butler experience will prepare you to manage the computer operations and networks based on Windows software. Includes instruction in computer hardware and software applications; local and wide area networking; network security; disc space and traffic load monitoring; data backup; resource allocation; and setup and take down procedures. This program provides training for the following certifications: CompTIA Network+, Microsoft Certified IT Professional (MCITP): Server Administrator, CompTIA Security+, Microsoft Certified Technology Specialist (MCTS): Windows VISTA Configurations, and MCTS: SQL Server 2005.

General Education Requirements	15 Hours
Communications	9
___English Comp I (EG 101)	3
___Technical Writing (EG 112)	3
___Public Speaking (SP 100) or Interpersonal Communication (SP 102)	3
Science, Math and Computer Science	3
___Math Requirement (MA 114 or above)	3
Social/Behavioral Science	3
___Sociology (BS 105) OR	3
___General Psychology (BS 160)	3
Required Courses	39 Hours
First Semester	
___Programming Concepts (IN 105)	3
___Supporting Desktop Systems (IN 106)	3
___Supporting Networked Comp. (IN 133)	3
Second Semester	
___Network Servers** (IN 131)	3
___Princ. of Information Assurance (IN 2001)	3
___Introduction to SQL Language (IN 228)	3
___SQL Server 2005 Implementation (IN 238)	3
Third Semester	
___XHTML w/CSS (IN 112)	3
___Networking Management** (IN 237)	3
___C# (IN 201)	3
___Network Clients (IN 130)	3
Fourth Semester	
___Network Directory Services I (IN 150)	3
___Small Bus Mgmt (BA 109) OR	
___Intro to Marketing (BA 140)	3
Technical Electives	9 Hours
Any IN course.	

Students can achieve additional certifications by selecting the following technical electives:

CCNA

___CCNA 1 Interworking Fund.	(IN 245)
___CCNA 2 Router Technologies	(IN 246)
___Routing and Switching	(IN 247)
___Internetworking Protocols	(IN 248)

MCITP (Microsoft Certified IT Professional)

Windows Server 2008 Enterprise Administrator	
___Enterprise Networking I,	(IN 140)
___Network Directory Services II	(IN 250)
Database Administrator	
___Designing a Database Server Infrastructure	(IN 268)
___Optimizing and Maintaining a Database Solution	(IN 269)

CompTIA Linux +

___Linux on the Desktop	(IN 240)
___Linux as a Server	(IN 249)

A total of 63 credit hours is required for this degree. In addition to the 15 credit hours of general education requirements and 39 credit hours of required courses, choose 9 credit hours of Technical electives.

Windows Administration

Career Program
Degree Offered: Associate in Applied Science
Credits Required: 63
Contact: Steve Strom, Lead Instructor, at 316.218.6143 or sstrom@butlercc.edu

Articulation Agreements

K-State at Salina

Prior to Admission

Students enrolling in Computer Information Technology programs are recommended to be able to read/write at the Fundamentals of English level, able to perform math operations at the Fundamentals of Algebra level, be computer literate, and able to manipulate basic computer applications.

Related Programs

Database Administration, Digital Media, Digital Media Specialist Information Assurance & Digital Forensics
Internetworking Management, Software Development
Web Development, Web Development Specialist
Windows Administration

Recommended Course Sequence

Some courses are offered only in the spring or fall semesters. Ask your advisor or instructor for details as you plan your class schedule.

Wages: Salary/hourly rates are dependent on skill level, experience and location.

Additional Costs

Additional lab fees are assessed to each program course and subject to change.