

Welcome to Schoolcraft.

CREDENTIAL YEAR 2020–2021

Business Information Technology

Credentials

Business Information Technology Certificate	34-35 cr.
Business Information Technology AAS Degree	62-68 cr.

Major Description

Business is becoming more complex every day due to the high-tech hardware and software used behind the scenes. If you enjoy staying current on the latest technological advances and finding the right technology to meet business needs, you can find a niche in this fast-growing field.

Information technology (IT) professionals help organizations in virtually every industry to determine the best use of automated systems to reach their goals.

This field requires analytical and problem solving skills, technical expertise and the ability to juggle projects while meeting deadlines and quality standards. Excellent communication skills are also essential.

Today's employers are looking for people who have a sound business background combined with the ability to develop or manage business computer systems. The widespread use of computers in all areas of business has generated new positions and expanded opportunities. The associate in applied science degree program sets the stage for transfer to a four-year college or school. The certificate program provides students with an overview of business and computer systems and results in a certificate of program completion.

Business Information Technology Certificate

Schoolcraft program code # 1YC.00242

The business information technology program is designed to meet the growing needs of industry for a new category of information technology professional.

Today's employers increasingly request graduates who have a sound business background combined with the ability to develop or manage business computer systems.

This is a fast growing field with continual changes in hardware, software and procedures. The widespread use of computers in all areas of business has generated new positions and expanded opportunities in Information Technology. Effective use of technology enables businesses to serve customers better, access more information, be more flexible in responding to business changes and increase employee productivity. This certificate is designed to provide students with an overview of business and computer systems.

Students who satisfactorily complete the program requirements qualify for a certificate of program completion.

Not all courses are offered each semester. Students should work with an academic advisor to develop a schedule that will work for them. Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with an academic advisor. Number of credits may vary depending on the course selection.

SAMPLE SCHEDULE OF COURSES

First Year - Fall Semester

Course #	Course Title	Credits
BUS 101	Introduction to Business	3
CIS 120	Software Applications	3
CIS 129	Introduction to Programming Logic	3
CNT 115	Cybersecurity Fundamentals	3
ENG 101	English Composition 1	3
	Total Credits: 15	

First Year - Winter Semester

Course #	Course Title	Credits
ACCT 201	Principles of Accounting 1	4
CIS 251	IT Project Management	3
BUS 220	Supervision	3
CIS 250	Systems Development and Design	4
	Total Credits: 14	

Business Information Technology Certificate (continued)

First Year - Spring Session

Course #	Course Title	Credits
BUS 217	Business Management	3
Elective	See list	2-3
	Total Credits: 5-6	

Electives

Course #	Course Title	Credits
BUS 207	Business Law 1	3
BUS 208	Business Law 2	3
BUS 215	Business on the Web	3
BUS 226	Principles of Marketing	3
CIS 170	Microsoft Windows	3
CIS 171	Introduction to Networking	3
CIS 176	Visual Basic.NET	3
CIS 178	Technical Microsoft Windows	3
CIS 185	Introduction to HTML	3
CIS 211	Introduction to C++	2
CIS 221	Advanced C++	2
CIS 223	Introduction to C#	3
CIS 225	Database Management Systems	3
CIS 255	Introduction to Linux	3
CIS 274	Advanced Linux	3
CIS 290	Object-Oriented Programming With Java	3
CNT 130	Computer Hardware and Troubleshooting	3
CNT 133	Computer Software and Troubleshooting	3
CNT 210	CCNA Networking 1	4
CNT 250	Server Administration 1	3

PROGRAM TOTAL 34-35 CREDITS

Business Information Technology AAS Degree

Schoolcraft College program code # AAS.00277

The business information technology program is designed to meet the growing needs of industry for a new category of information technology professional. Today's employers increasingly request graduates who have a sound business background combined with the ability to develop or manage business computer systems.

This is a fast growing field with continual changes in hardware, software and procedures. The widespread use of computers in all areas of businesses has generated new positions and expanded opportunities in information technology. Effective use of technology enables businesses to serve customers better, access more information, be more flexible in responding to business changes and increase employee productivity.

Students who satisfactorily complete all college and program requirements qualify for an associate in applied science degree.

Not all courses are offered each semester. Students should work with an academic advisor to develop a schedule that will work for them. Students planning to transfer should check the transfer institution's requirements/guides or discuss their options with an academic advisor. Number of credits may vary depending on the course selection.

SAMPLE SCHEDULE OF COURSES

First Year - Fall Semester

Course #	Course Title	Credits
ENG 101	English Composition 1	3
BUS 101	Introduction to Business	3
CNT 115	Cybersecurity Fundamentals	3
CIS 120	Software Applications	3
CIS Elective	Select CIS course from list	3
	Total Credits: 15	

First Year - Winter Semester

Course #	Course Title	Credits
English	Select one:	3
ENG 102	English Composition 2	
ENG 106	Business English	
MATH 113	Intermediate Algebra for College Students	4
BUS 217	Business Management	3
CIS 129	Introduction to Programming Logic	3
Elective	See list	2-3
	Total Credits: 15-16	

Business Information Technology AAS Degree (continued)

First Year - Spring/Summer Session

Course #	Course Title	Credits
Social Science	Select one:	3-4
POLS 105	Survey of American Government	
PSYCH 153	Human Relations	
PSYCH 201	Introductory Psychology	
COMA 103	Fundamentals of Speech	3
	Total Credits: 6-7	

Second Year - Fall Semester

Course #	Course Title	Credits
BUS 220	Supervision	3
CIS 250	Systems Development and Design	4
CIS Elective	Select CIS course from list	2-3
Science	Select General Education Science course	4
	Total Credits: 13-14	

Second Year - Winter Semester

Course #	Course Title	Credits
CIS 251	IT Project Management	3
ACCT 201	Principles of Accounting 1	4
ECON 201	Principles of Macroeconomics	4
Elective	See list	2-4
	Total Credits: 13-15	

Business Information Technology AAS Degree (continued)

Electives

Course #	Course Title	Credits
BUS 207	Business Law 1	3
BUS 208	Business Law 2	3
BUS 215	Business on the Web	3
BUS 226	Principles of Marketing	3
CIS 170	Microsoft Windows	3
CIS 171	Introduction to Networking	3
CIS 176	Visual Basic.NET	3
CIS 178	Technical Microsoft Windows	3
CIS 185	Introduction to HTML	3
CIS 211	Introduction to C++	2
CIS 221	Advanced C++	2
CIS 223	Introduction to C#	3
CIS 225	Database Management Systems	3
CIS 255	Introduction to Linux	3
CIS 274	Advanced Linux	3
CIS 290	Object-Oriented Programming With Java	3
CNT 130	Computer Hardware and Troubleshooting	3
CNT 133	Computer Software and Troubleshooting	3
CNT 210	CCNA Networking 1	4
CNT 250	Server Administration 1	3

PROGRAM TOTAL 62-68 CREDITS