

INFORMATION SYSTEMS TECHNOLOGY: INFORMATION TECHNOLOGY FOR BUSINESS

Award: Associate of Applied Science Degree

Major: Information Systems Technology

Specialization: Information Technology for Business

Additional Program Information: <https://www.brcc.edu/academics/programs/ist/>

Potential Additional Funding Information: <https://www.brcc.edu/g3/>

Possible occupations for graduates are: Information Specialist, Supervisor, Executive Administrative Assistant, Computer Sales, Software Trainer, and related occupations.

The A.A.S. degree in Information Systems Technology with a specialization in Information Technology for Business focuses on the practical application of computing to solve business issues. It is designed to train specialists in how to use computer systems to organize, analyze, and maintain business information. It provides students with a blend of information systems technology and business courses.

Required Courses Curriculum

First Semester		Credit Hours
BUS 100	Introduction To Business	3
Select one of the following: ¹		3
ENG 111	College Composition I	
ENG 115	Technical Writing	
ITE 152	Introduction to Digital Literacy and Computer Applications	3
ITN 107	Personal Computer Hardware and Troubleshooting	3
Select one of the following:		3
MTH 111	Basic Technical Mathematics ²	
MTH 154	Quantitative Reasoning	
MTH 155	Statistical Reasoning	
MTH 161	Precalculus I	
SDV 101	Orientation to (IT Professions)	1
Credit Hours		16
Second Semester		
BUS 118	Concepts of Supervision	3
Select one of the following:		3
ENG 112	College Composition II ¹	
General Education Elective (https://catalog.brcc.edu/programs-study/general-education-aas/)		
ITE 182	User Support/Help Desk Principles	3
ITN 106	Microcomputer Operating Systems	3
ITN 208	Protocols and Communications TCP/IP	4
Credit Hours		16
Third Semester		
BUS 270	Interpersonal Dynamics	3
ITE 120	Principles of Information Systems	3
ITE 140	Spreadsheets for Business	3
ITE 160	Introduction to E-Commerce	3
ITN 260	Network Security Basics	3
Social and Behavioral Science Elective (https://catalog.brcc.edu/programs-study/general-education-aas/#social) ³		3
Credit Hours		18
Fourth Semester		
ITD 110	Web Page Design I	3
ITD 130	Database Fundamentals	3

ITP 296 or ITP 298	On-site Training in ITP ⁴ or Seminar & Project	3
Literature/Humanities/Fine Arts Elective (https://catalog.brcc.edu/programs-study/general-education-aas/#literature)		3
Select one of the following:		3
ITP 100	Software Design	
CSC 110	Principles of Computer Science	
Credit Hours		15
Total Credit Hours		65

¹ Students intending to transfer to a four-year institution in the future should select ENG 111 and ENG 112.

² Students intending to transfer to a four year institution should select MTH 154 or MTH 161.

³ Recommended elective ECO 201 or ECO 202.

⁴ The internship or capstone project should be completed in the last semester of the program.

Certificates

Cybersecurity and Networking Foundations

Award: Career Studies Certificate

Potential Additional Funding Information: <https://www.brcc.edu/g3/>

This curriculum is designed to provide students with fundamental knowledge and skills in computer networking, cyber threats, and how to secure hardware/software from vulnerabilities.

Code	Title	Credit Hours
ITN 106	Microcomputer Operating Systems	3
ITN 107	Personal Computer Hardware and Troubleshooting	3
ITN 208	Protocols and Communications TCP/IP	4
ITN 260	Network Security Basics	3
Select one of the following:		3
ITP 100	Software Design	
CSC 110	Principles of Computer Science	
SDV 101	Orientation to (IT Professions)	1
Total Credit Hours		17

Information Technology for Business

Award: Career Studies Certificate

Potential Additional Funding Information: <https://www.brcc.edu/g3/>

This curriculum is to provide students with an opportunity to explore, organize, analyze and maintain business information using a blend of information technology and business courses.

Code	Title	Credit Hours
BUS 100	Introduction To Business	3
BUS 118	Concepts of Supervision	3
ITD 130	Database Fundamentals	3
ITE 120	Principles of Information Systems	3
ITE 152	Introduction to Digital Literacy and Computer Applications	3
ITE 160	Introduction to E-Commerce	3
Total Credit Hours		18