

A.A.S. IN INFORMATION TECHNOLOGY SUPPORT



2022-23

A.A.S. IN INFORMATION TECHNOLOGY SUPPORT

(A25590IT) The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

Course work includes development of a student's ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.

Fall Semester 1			Lecture	Lab	Credit
ACA	111	College Student Success	1	0	1
CIS	110	Introduction to Computers	2	2	3
ENG	111	Writing & Inquiry	3	0	3
NOS	110	Operating System Concepts	2	3	3
CTI	110	Web, Programming & Database	2	2	3
OST	130	Comprehensive Keyboarding	2	2	3
WEB	110	Internet/Web Fundamentals	2	2	3
				Total	19

Spring Semester 1			Lecture	Lab	Credit
ENG	112	Writing/Research in the Disc OR	3	0	3
ENG	114	Professional Research & Reporting	3	0	3
CIS	115	Introduction to Programming and Logic	2	3	3
MAT	143	Quantitative Literacy	2	2	3
CTS	120	Hardware/Software Support	2	3	3
OST	136	Word Processing	2	2	3
CTI	120	Network & Security Foundation	2	2	3
				Total	18

Fall Semester 2			Lecture	Lab	Credit
SEC	110	Security Concepts	2	2	3
CTS	115	Information System Business Concepts	3	0	3
CTS	130	Spreadsheet	2	3	3
DBA	110	Database Concepts	2	3	3
+CIS	Major Elective		2	2	3
NOS	230	Windows Administration I	2	2	3
				Total	18

Spring Semester 2			Lecture	Lab	Credit
CTS	285	System Analysis & Design	3	0	3
CTS	289	System Support Project	1	4	3
*Humanities Gen Ed Requirement			3	0	3
*Social Science Gen Ed Requirement			3	0	3
				Total	12

TOTAL HOURS 67

+ Major Electives may be selected from CIS, CTI, CTS, DBA, DME, HBI, NET, NOS, SEC and/or WEB prefixes.

*Please see the section titled "General Education Requirements for A.A.S. programs" at the end of the Program of Study section for specific courses that fulfill these requirements.



CERTIFICATES IN INFORMATION TECHNOLOGY SUPPORT

CERTIFICATE - INFORMATION TECHNOLOGY SUPPORT

(C25590IT)

			Lecture	Lab	Credit
CIS	110	Introduction to Computers	2	2	3
CTI	110	Web, Program and Database Foundation	2	2	3
CTI	120	Network and Security Foundation	2	2	3
CTS	115	Information Systems Business Concepts	3	0	3
SEC	110	Security Concepts	2	2	3
WEB	110	Internet/Web Fundamentals	2	2	3
				Total	18

CERTIFICATE - INFORMATION TECHNOLOGY SUPPORT DATA CENTER TECHNOLOGIES

(C25590DC)

			Lecture	Lab	Credit
CIS	110	Introduction to Computers	2	2	3
CTI	110	Web, Program and Database Foundation	2	2	3
SEC	110	Security Concepts	2	2	3
CTI	120	Network and Security Foundation	2	2	3
NOS	110	Operating Systems Concepts	2	3	3
CTS	120	Hardware/Software Support	2	3	3
				Total	18