

A.A.S. IN WEB ADMINISTRATION & DESIGN



2022-23

A.A.S. IN WEB ADMINISTRATION AND DESIGN

(A25590WB) The Information Technology (WB) 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
WEB	110	Internet/Web Fundamentals	2	2	3
DME	110	Intro to Digital Media	3	0	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
CTS	120	Hardware Software Support	2	3	3
WEB	115	Web Markup & Scripting	2	2	3
CIS	115	Introduction to Programming and Logic	2	3	3
MAT	143	Quantitative Literacy	2	2	3
CTI	120	Network & Security Foundation	2	2	3
			Total		18

Fall Semester 2			Lecture	Lab	Credit
CTS	115	Information System Business Concepts	3	0	3
WEB	140	Web Development Tools	2	2	3
WEB	210	Web Design	2	2	3
DBA	110	Database Concepts	2	3	3
SEC	110	Security Concepts	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
WEB	250	Database Driven Websites	2	2	3
		*Humanities Gen Ed Requirement	3	0	3
		*Social Science Gen Ed Requirement	3	0	3
			Total		15

TOTAL HOURS 70

*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.



DIPLOMA IN WEB ADMINISTRATION AND DESIGN

(D25590WB)

			Lecture	Lab	Credit
ENG	111	Writing & Inquiry	3	0	3
MAT	143	Quantitative Literacy	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
CIS	110	Introduction to Computers	2	2	3
WEB	115	Web Markup & Scripting	2	2	3
WEB	110	Internet/Web Fundamentals	2	2	3
DBA	110	Database Concepts	2	3	3
WEB	140	Web Development Tools	2	2	3
WEB	210	Web Design	2	2	3
SEC	110	Security Concepts	2	2	3
				Total	36