

Information Technology – Information Systems AAS (A25590A) – 66 Credit Hours

2018-2019

Fall – 1st Year				
Course Number	Course Name	Lec	Lab	Credit
CIS 110	Introduction to Computers (S)	2	2	3
CTI 110	Web, Pgm, & DB Foundation	2	2	3
CTI 120	Network & Sec Foundation (Network+) ★	2	2	3
DBA 110	Database Concepts	2	3	3
NOS 110	Operating Systems Concepts	2	3	3
Total				15

Fall – 2nd Year				
Course Number	Course Name	Lec	Lab	Credit
CTS 115	Info Sys Business Concepts	3	0	3
NOS 120	Linux/UNIX Single User (Linux+) ★	2	2	3
	Communications Elective			3
	Humanities/Fine Arts Elective			3
	Social/Behavioral Science Elective			3
	Major Elective			3
Total				18

Major Electives				
Course Number	Course Name	Lec	Lab	Credit
BUS 280	REAL Small Business	4	0	4
CCT 110	Intro to Cyber Crime	3	0	3
CET 150	Computer Forensics I	2	3	3
CET 250	Computer Forensics II	2	3	3
CSC 151	JAVA Programming	2	3	3
CTS 125	Presentation Graphics	2	2	3
CTS 130	Spreadsheet	2	2	3
GRD 151	Computer Design Basics	1	4	3
GRD 271	Multimedia Design I	1	3	2
GRD 275	Animation I	1	3	2

- ★ - Designates classes preparing students to sit for listed CompTIA certification tests
- ★★ - Designates classes preparing students to sit for listed Microsoft certification tests
- ★★★ - Designates classes preparing students to sit for Cisco CCNA Routing/Switching test
- (L) - Designates classes that should be taken the last semester before graduating

Spring – 1st Year				
Course Number	Course Name	Lec	Lab	Credit
CTS 120	Hardware/Software Support (A+) ★	2	3	3
CTS 155	Tech Support Functions (S)	2	2	3
ENG 111	Writing and Inquiry (S)	3	0	3
NOS 130	Windows Single User (MCTS 70-680) (S) ★★	2	2	3
NOS 230	Windows Admin I (70-410) (S) ★★	2	2	3
	Mathematics Elective (S)			3
Total				18

Spring – 2nd Year				
Course Number	Course Name	Lec	Lab	Credit
CTS 288	Professional Practices in IT (L)	2	2	3
or CIS 115	Intro to Programming & Logic	2	3	3
or WBL 110	World of Work	1	0	1
and WBL 111	Work-Based Learning I (and)	0	0	1
and WBL 115	Work-Based Learning Seminar I	1	0	1
CTS 289	System Support Project (L)	1	4	3
DBA 120	Database Programming I	2	2	3
SEC 110	Security Concepts (Security+) ★	2	2	3
	Major Elective			3
Total				15

Major Electives (cont.)				
Course Number	Course Name	Lec	Lab	Credit
NET 225	Routing & Switching I ★★★	1	4	3
NET 226	Routing & Switching II ★★★	1	4	3
OST 131	Keyboarding	1	2	2
OST 136	Word Processing	2	2	3
OST 149	Medical Legal Issues	3	0	3
OST 236	Adv Word/Information Processing	2	2	3
SGD 111	Intro to Simulation & Game Dev	2	3	3
SGD 112	Simulation & Game Dev Design	2	3	3
WEB 120	Intro Internet Multimedia	2	2	3
WEB 140	Web Development Tools	2	2	3
WEB 210	Web Design	2	2	3
WEB 214	Social Media	2	2	3

It is strongly recommended to take courses in bold during the 1st year.

(S) – Designates recommended classes for students starting in spring of the first year