

Information Technology and Security Academy

1st Year Program of Studies 5 courses with total of 18 credit hours

Fall Semester		Credit
ITSC 1305	Intro to PC Operating Systems <i>Introduction to personal computer operating systems including installa on, configuration, file management, memory & storage management, control of peripheral devices & use of utilities.</i>	3
ITSC 1425 <small>*Testout Certification PC Pro</small>	Personal Computer Hardware* <i>Current personal computer hardware including assembly, upgrading, setup, configuration, and troubleshooting.</i>	4
Fall Semester Total		7
Spring Semester		Credit
ITNW 1425 <small>*Testout Certification Network Pro</small>	Fundamentals of Networking Technologies* <i>Introduction to architecture, structure, functions, components & models of the internet. Covers principles and structures of IP addressing, Ethernet, media & operations.</i>	4
ITSC 2439	Personal Computer Help Desk Support <i>Diagnosis and solu on of user hardware and software related problems with on-the-job and/or simulated projects.</i>	4
Spring Semester Total		8
Summer Semester		Credit
ITSC 2364	Practicum: Computer & Information Sciences, General <i>Practical, general workplace training supported by an individualized learning plan.</i>	3
Summer Total		3
Year 1 Program Total		18

Level I Certificate of Completion Computer Desktop Support Technician

2nd Year Program of Studies 4 courses with total of 11 or 12 credit hours

Fall Semester		Credit
ITSC 1316 <small>*Testout Certification LINUX Pro</small>	LINUX Installation & Configuration* <i>Introduction to the UNIX operation system including multi-user concepts, terminal emulation, use of system editor, basic UNIX commands, & writing script files. Includes introductory system management concepts.</i>	3
ITSY 1342 <small>*Testout Certification Security Pro</small>	Information Technology Security* <i>Instruction in security for network hardware, software, and data including physical security, backup procedures, relevant tools, encryption, and protection from viruses.</i>	3
Fall Semester Total		6
Spring Semester		Credit
ITSE 1302	Computer Programming <i>Introduction to computer programming with emphasis on the fundamentals of design, development, testing, implementa on, and documenta on. Includes language syntax, data and file structures, input/output devices, and files.</i>	3
ITSE 1311	Beginning Web Programming <i>Skill development in web page programming including mark-up and scripting languages.</i>	3
Spring Semester Total		6
Year 2 Program Total		12

Level I Certificate of Completion Information Technology & Security

Two Year Program of Studies: 9 Courses totaling 30 credit hours

ASSOCIATE OF APPLIED SCIENCES

Computer Support Specialist

Semester 1	Credit
ITSC 1301 Introduction to Computers or other*	3
ITSC 1309 Integrated Software Applications	3
ITSC 1305 Introduction to PC Operating Systems or other*	3
ENGL 1301 Composition I	3
Select Additional communication (90) Core	3
1st Semester Total	15
Semester 2	Credit
ITNW 1425 Fundamentals of Networking Technologies or others*	4
ITSC 1425 Personal Computer Hardware	4
ITNW 1454 Implementing and Supporting Servers	4
ITSC 1316 LINUX Installation and Configuration	3
2nd Semester Total	15
Semester 3	Credit
Select Language, Philosophy & Culture (40) or other*	3
ITSE 1302 Computer Programming or other*	3
3rd Semester Total	6
Semester 4	Credit
ITSC 2439 Personal Computer Help Desk Support	4
ITSE 1311 Beginning Web Programming	3
ITSC 2325 Advanced LINUX	3
ITSC 2321 Integrated Software Applications II	3
4th Semester Total	13
Semester 5	Credit
ITSY 1342 Information Technology Security or other	3
Select Mathematics (20) Core	3
ITSC 2264 Select Social & Behavioral Science (80) Core	3
ITSC 2264 Practicum Computer & Information Sciences	2
5th Semester Total	11
Program Total	60

DC/AA: 29	Total AAS Hours: 60
Hours needed Post DC/AA: 31	General Academics: 15
	Specific Hours: 45