

Cybersecurity

Stackable Credentials

I = Information Systems Cybersecurity; P = CISSP Information Systems Cybersecurity Professional

Rubric	Course	Course Title	Cert 1	Cert 1	AAS	BAT
ITNW	1358	Network+	P	I	X	X
ITSY	2341	Security Management Practices (Capstone)	P	I	X	X
XXXX	Y3YY	<i>Select one of the electives listed below.</i>	P ¹	I ²		
ITSY	1300	Fundamentals of Information Security (Security +)	P			X
ITSY	2572	Certified Information Systems Security Professional (CISSP) Common Body of Knowledge Domain Instruct	P			
ITMT	1372	Installation, Storage and Computing with Windows Server 2016		I	X	X
ITCC	1314	CCNA 1 Cisco - Introduction to Networks		I	X	X
ITMT	1373	Networking with Windows Server 2016		I	X	X
ITSY	2300	Operating System Security		I	X	X
ITCC	1340	CCNA 2 - Routing and Switching Essentials		I	X	X
ITSY	2301	Firewalls and Network Security		I	X	X
ITSY	2342	Incident Response and Handling		I	X	X
ITSY	2343	Computer System Forensics		I	X	X
CPMT	1305	IT Essentials I: PC Hardware and Software			X	X
ITMT	1371	Configuring and Supporting Microsoft Windows 10			X	X
ITSC	1316	Linux Installation and Configuration			X	X
Elective		Select 6 credit hours from the list below for the AAS			X ³	
ENGL	1301	<i>Composition I</i>			X	X
PHIL	2303	<i>Introduction to Formal Logic</i>			X ⁴	X
MATH	1342	<i>Elementary Statistical Methods</i>			X ⁵	X
ECON	2302	<i>Principles of Microeconomics</i>			X ⁶	X
SPCH	1321	<i>Business and Professional Communication</i>			X	X
CYBR	3310	Introduction to Cryptography				X
CYBR	3320	Digital and Device Forensics				X
CYBR	3330	Advanced Network Topologies and Protocols				X
CYBR	3340	Cyber Crime				X
CYBR	3350	Cyber Privacy				X
CYBR	3360	Mobile Technologies				X
CYBR	4310	Penetration Testing				X
CYBR	4320	Cyber Defense Operations				X
CYBR	4330	Virtualization and Cloud Security				X
CYBR	4340	Information Assurance				X
CYBR	4350	Senior Project				X
ITSC	1342	Shell Programming - Scripting				X
ENGL	2311	<i>Technical and Business Writing</i>				X
GOVT	2305	<i>Federal Government</i>				X
GOVT	2306	<i>Texas Government</i>				X
PHYS	1415	<i>Physical Science I</i>				X
PHYS	1405	<i>Conceptual Physics</i>				X
GEN ED		<i>Creative Arts course</i>				X ⁷
HIST	1301	<i>United States History I</i>				X
HIST	1302	<i>United States History II</i>				X
PSYC	1100	<i>Learning Framework</i>				X

Total SCH 17-19 33-35 60 120

Italics = Courses for required distribution of general education component in AAS and for Core Curriculum in BAT

¹Cert 1 (P) Elective Options (3-5 credit hours): Any ITSY course not listed above, with consent of the Associate Dean (3-5 credit hours)

²Cert 1 (I) Elective Options (3-5 credit hours): ITMT 2304, ITSY 1300, or ITSY 2572

³AAS Elective Options: ITSC 1342 or ITSY 1300 or ITSY 2572 or any ITCC, ITNW, ITMT, or ITSY course not listed above

⁴Select any Humanities/Fine Arts General Education course for AAS

⁵Select any Mathematics General Education course for AAS

⁶Select any Social/Behavioral Sciences course for AAS

⁷Select any Creative Arts course