

INFORMATION TECHNOLOGIES B.T.

Bachelor of Technology

Cybersecurity Track

Degree Sheet

2026-2027 Catalog

General Education Courses				40 Credit Hours	Credit Hours	Prerequisites
ENGL	1113	English Composition I		3	[R] [W]	
ENGL	1213	English Composition II		3	ENGL 1113	
<i>Select One:</i> HIST 1483 U.S. History to 1865 (S)				3	[R] [W]	
HIST 1493 U.S. History since 1865 (S)						
POLS	1113	American Government (S)		3	[R] [W]	
POLS	3223	Problems in Public Policy		3	POLS 1113 or Dept Head Approval	
PSYC	1113	Introductory Psychology (S)		3	[R] [W]	
<i>Select One:</i> SOC 1113 Introductory Sociology (S)				3	[R] [W]	
SOC 3623 Cultural Diversity (HS)					Junior Standing	
<i>Select One:</i> SPCH 1113 Introduction to Speech Communication				3	[R] [W]	
SPCH 2723 Interpersonal Communication (S)						
MATH	1483	Mathematical Functions and Their Uses (A)		3	[M]	
<i>Select any 6 credit hours designated as humanities (H), one lower level, and one upper level</i>						
				3	Varies	
				3	Varies	
<i>Select any 7 credit hours of science, one with a lab</i>						
				4	Varies	
				3	Varies	
Support and Related Courses				6 Credit Hours		
CIS	1503	Microcomputer Applications - MS Office		3	[R]	
ITD	2193	Technical Support Communications		3	[R] [W]	
Technical Occupational Specialty				24 Credit Hours		
CIS	1123	Programming Fundamentals		3	[R]	
CIS	2363	Database Fundamentals		3	CIS 1113 or CIS 1503	
CIS	2513	Cybersecurity Fundamentals		3	[R]	
ITD	1103	Information Technology Fundamentals		3	[R]	
ITD	1113	Client OS Fundamentals		3	[R]	
ITD	1523	Hardware and OS Support (A+)		3	ITD 1103	
ITD	1533	Networking Fundamentals		3	[R]	
CIS	2803	Capstone		3	Sophomore Standing	
Cybersecurity Track				12 Credit Hours		
ITD	1543	Introduction to Digital Forensics		3	CIS [R]	
ITD	1613	Cloud Computing		3	[R]	
ITD	2213	Server OS		3	ITD 1533	
ITD	2433	Linux		3	None	
Required Upper Division Courses				40 Credit Hours		
CIS	3001	Employment Orientation		1	Junior Standing	
CIS	3113	Information Project Management		3	None	
CIS	3463	Database Administration		3	CIS 2363	
ITD	3143	eDiscovery and Investigation		3	ITD 1543	
ITD	3163	Cyber Ethics and Law		3	None	
ITD	3173	Advanced Computer Forensics		3	ITD 3143	
ITD	3513	Cloud Computing Architecture		3	ITD 1613	
ITD	4133	Advanced Cybersecurity		3	CIS 2513	
ITD	4223	Cryptography		3	MATH 1483	
ITD	4743	Cloud Security		3	ITD 3513	
		Approved Technical Elective (3000 or 4000 level)		3	Varies	
CIS	4900	Internship		9	Senior Standing	

Total to Graduate 122

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 30 credit hours earned in residence at OSU-OKC
- 60 credit hours from baccalaureate degree granting institution
- 40 credit hours of upper division coursework
- Grade of "C" or better required in all upper division technical coursework
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

[R] Reading Proficiency/Placement

[W] Writing Proficiency/Placement

[M] Math Proficiency/Placement

Learn more about proficiency requirements at <https://osuokc.edu/proficiency>.

Approved Electives		
CIS	3023	Web Programming
CIS	3663	Software Development .NET
CIS	3713	Systems Implementation
CIS	4323	Data Structures
CIS	4333	Mobile Programming
CIS	4453	Software Engineering