Utah System of Higher Education
The Gateway, Salt Lake City, UT 84101
801-646-4784

Networking and Cybersecurity

Technical Certificate (Catalog Year: 2026)

Foundational Courses (21 Credits / 630 Clock-Hours)

		Credits	Clock-Hours
TEIT 1050	Career and Workplace Relations	1	30
TEIT 1100	Introduction to Networking	1	30
TEIT 1170	Computer Networks I	2	60
TEIT 1200	A+ Core I	3	90
TEIT 1210	A+ Core II	3	90
TEIT 1300	Linux Foundations	2	60
TEIT 1400	Introduction to Cloud	2	60
TEIT 2170	Computer Networks II	3	90
TEIT 2200	Security +	4	120

Supplemental Courses Varies by Institution

Davis (9 Credits / 270 Clock-Hours)

		Credits	Clock-Hours
TEIT 1000	Information Technology Fundamentals	2	60
TEIT 1040	Introduction to Virtualization	1	30
TEIT 1150	Cisco CCNA Introduction to Networks	3	90
TEIT 1160	Cisco CCNA Switching, Routing, and Wireless Essentials (SWRE)	3	90
TEIT 1420	Amazon Certified Cloud Practitioner	2	60
TEIT 1500	Introduction to Scripting	1	30
TEIT 1600	Microsoft 365 Fundamentals	3	90
TEIT 1801	Information Technology Fundamentals Practicum	1	30
TEIT 1811	A+ Core I Practicum	1	30
TEIT 1821	A+ Core II Practicum	1	30
TEIT 1831	Computer Networks I and II Practicum	1	30
TEIT 2150	Cisco CCNA Enterprise Networking, Security, and Automation (ENSA)	3	90
TEIT 2350	CompTIA Project +	3	90
TEIT 2910	Special Projects I	1	30
TEIT 2920	Special Projects II	2	60
TEIT 2930	Special Projects III	3	90
TEIT 2925	Networking and Cybersecurity Externship	3	135

Mountainland (9 Credits / 270 Clock-Hours)

		Credits	Clock-Hours
TEIT 1030	Artificial Intelligence Essentials	1	30
TEIT 1620	Introduction to Microsoft 365	2	60
TEIT 1630	Microsoft Windows Server Administration Fundamentals	2	60
TEIT 1800	Certification Test Prep I	1	30

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TEIT 1810	Certification Test Prep II	1	30
TEIT 1945	Service Desk	2	60
Ogden-Weber (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1000	Information Technology Fundamentals	2	60
TEIT 1040	Introduction to Virtualization	1	30
TEIT 1110	Introduction to Cybersecurity	1	30
TEIT 1500	Introduction to Scripting	1	30
TEIT 1660	Server +	4	120
TEIT 1670	Windows Administration	4	120
TEIT 1943	Intermediate Service Desk	2	90
TEIT 2250	Ethical Hacking	3	90
TEIT 2270	Cybersecurity Analysis	3	90
TEIT 2300	Linux +	3	90
TEIT 2900	IT Externship	2	90
TEIT 2910	Special Projects I	1	30
TEIT 2920	Special Projects II	2	60
TEIT 2930	Special Projects III	3	90
Salt Lake (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1110	Introduction to Cybersecurity	1	30
TEIT 1600	Microsoft 365 Fundamentals	3	90
TEIT 1610	Microsoft Azure Fundamentals	2	60
TEIT 1800	Certification Test Prep I	1	30
TEIT 1810	Certification Test Prep II	1	30
TEIT 1820	Certification Test Prep III	1	30
TEIT 2270	Cybersecurity Analysis	3	90
Snow (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1010	Orientation	1	30
TEIT 1130	Networking Essentials	2	60
TEIT 1500	Introduction to Scripting	1	30
TEIT 2310	Cybersecurity Essentials	3	90
Tooele (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1150	Cisco CCNA Introduction to Networks	3	90
TEIT 1160	Cisco CCNA Switching, Routing, and Wireless Essentials (SWRE)	3	90
TEIT 1600	Microsoft 365 Fundamentals	3	90
TEIT 1610	Microsoft Azure Fundamentals	2	60
TEIT 1800	Certification Test Prep I	1	30
TEIT 1810	Certification Test Prep II	1	30
TEIT 1820	Certification Test Prep III	1	30

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TEIT 1830	Certification Test Prep IV	1	30
TEIT 1840	Certification Test Prep V	1	30
TEIT 1850	Certification Test Prep VI	1	30
TEIT 2150	Cisco CCNA Enterprise Networking, Security, and Automation (ENSA)	3	90
TEIT 2250	Ethical Hacking	3	90
TEIT 2270	Cybersecurity Analysis	3	90
TEIT 2300	Linux +	3	90
TEIT 2320	Hybrid Server Core	4	120
TEIT 2330	Hybrid Server Advanced	4	120
TEIT 2910	Special Projects I	1	30
TEIT 2920	Special Projects II	2	60
TEIT 2930	Special Projects III	3	90
Uintah Basin (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1012	Introduction to Python	2	60
TEIT 1110	Introduction to Cybersecurity	1	30
TEIT 1180	Network Service Technician	2	60
TEIT 1800	Certification Test Prep I	1	30
TEIT 1810	Certification Test Prep II	1	30
TEIT 1820	Certification Test Prep III	1	30
TEIT 1830	Certification Test Prep IV	1	30
USU - Eastern (9 Credits / 270 Clock-Hours)		Credits	Clock-Hours
TEIT 1041	Introduction to Programming	3	90
TEIT 1091	Introduction to Mobile Application Development	3	90
TEIT 1310	Website Design	3	90
TEIT 1340	Digital Video Production	3	90
TEIT 1500	Introduction to Scripting	1	30
TEIT 1800	Certification Test Prep I	1	30
TEIT 1810	Certification Test Prep II	1	30
TEIT 1820	Certification Test Prep III	1	30
TEIT 1830	Certification Test Prep IV	1	30
TEIT 1840	Certification Test Prep V	1	30
TEIT 1850	Certification Test Prep VI	1	30
TEIT 2300	Linux +	3	90
TEIT 2441	Photoshop	3	90
TEIT 2500	Web Business	3	90
TEBP 1200	Professionalism	3	90
TEBP 1650	Management Principles	2	60