NETWORK TECHNOLOGIES (AAT)(PLAN CODE: CSTNTAPT)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Code	Title	Credits/Units
General Education Requirements		
Communication Skills		
PTWR 135	Introduction to Applied Technical Writing [1]	5
or ENGL& 101	English Composition I	
Computational Skills		
Any generally transferable computational course with Intermediate Algebra as a prerequisite		
or		
PTCS 110	Professional Technical Computational Skills [2]	5
or PHIL& 120	Symbolic Logic	
Human Relations		
COLL 101	College Essentials: Introduction to Clark	2
and		
Course Options (https://catalog.clark.edu/degree-certificate-requirements/career-technical-degrees-certificates-distribution-list/#human-relations)		3
Major Area Requirements		
NTEC 103	IP Subnetting	3
NTEC 125	Introduction to Cybersecurity	3
NTEC 142	Cloud Computing Fundamentals	3
NTEC 151	Linux Essentials	3
NTEC 161	Network Scripting Fundamentals	5
NTEC 220	Deploying Linux Server Services	5
NTEC 221	Introduction to Networks	5
NTEC 222	Switching, Routing, and Wireless Essentials	5
NTEC 223	Enterprise Networking, Security, and Automation	5
NTEC 225	Network Security	5
NTEC 234	Administering Windows Server Hybrid Core Infrastructure	5
NTEC 235	Windows Server Hybrid Advanced Services	5
NTEC 236	Cybersecurity Defense Operations	5
NTEC 242	Datacenter Virtualization Technology	5
NTEC 252	Linux Administration 1	5
NTEC 253	Linux Administration 2	5
NTEC 297	Capstone Experience: Network Technologies	3
Total Credits/Units		**90**

[1] PTWR 135 does not meet 100 level incoming/transfer credit requirements for a Bachelor Degree program.

[2] PTCS 110 does not meet 100 level incoming/transferring credit requirements for a Bachelor Degree program.

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Articulate well-considered ideas and written claims to an academic audience, using effective rhetorical techniques, properly credited evidence, and a command of Standard English. (GE)
- Demonstrate interpersonal/human relations skills. (GE)
- Demonstrate and clearly explain an effective strategy to solve a quantitative problem. (GE)
- Design Windows and Linux networks to meet specific business needs.
- Implement Windows and Linux networks to meet specific business needs.
- Design converged networks to meet specific business needs.
- Implement converged networks to meet specific business needs.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan. To view the current suggested map for your program please visit our website https://programmap.clark.edu/academics (https://programmap.clark.edu/academics/)