



Networking Infrastructure Technology
Associate in Applied Science-Transfer
91 credits

The Associate in Applied Science (AAS) degree in Networking Infrastructure Technology is a professional technical degree that prepares you for a career in networking with an emphasis on infrastructure development. This program is designed to meet current industry demands in the field of information technology. Throughout the degree, you will successfully work both independently and as part of a team to design, implement, and maintain an organization’s hardware and software network infrastructure. In this program, you will:

- Acquire and understand the fundamentals of networking, hardware and software, and how to support and maintain computers and networking equipment
- Evaluate how to design network architecture strategies and implement networking technologies to build data infrastructures
- Obtain and apply virtualization and application infrastructure skill sets to integrate best practices for network administration by utilizing innovative technologies.

Completion Requirements

The Networking Infrastructure Technology AAS-T Degree is a professional technical degree that requires at least 91 credit hours in college level courses (numbered 100 or above), a minimum cumulative 2.0 grade point average, a minimum of 25 credits from Cascadia, and completion of all of the requirements for this degree. Students must meet with an advisor to complete and submit an application for graduation.

GENERAL EDUCATION CORE COURSES 10 CREDITS

Communication:

Course ID	Course Name	Lec	Lab	Other	Credits
ENGL&101	English Composition I	55			5.0

Quantitative or Symbolic Reasoning:

Course ID	Course Name	Lec	Lab	Other	Credits
MATH&107, or MATH&141, or MATH 147, or PHIL& 120	Math in Society, or Precalculus I, or Business Precalculus, or Symbolic Logic	55			5.0

REQUIRED CREDITS 10 CREDITS

Course ID	Course Name	Lec	Lab	Other	Credits
CMST 105	Communication in Organizations	55			5.0
BUS& 101, or PSYC 251	Introduction to Business, or Organizational Behavior	55			5.0

Networking Infrastructure Technology (continued)

PROGRAM REQUIREMENTS

71 CREDITS

Course ID	Course Name	Lec	Lab	Other	Credits
BIT 100	Introduction to Information Technology	44	22		5.0
BIT 101	Desktop Support Technician	44	22		5.0
BIT 102	Networking Fundamentals	44	22		5.0
BIT 123	Next-Gen Internet Protocol	44	22		5.0
BIT 130	Server Administration	44	22		5.0
BIT 135	Network Infrastructures	44	22		5.0
BIT 140	Implementing Directory Services	44	22		5.0
BIT 145	Security Essentials	44	22		5.0
BIT 158	Beginning Database		22		1.0
BIT 205	Virtualization Technologies	44	22		5.0
BIT 220	Elements of Project Management	55			5.0
BIT 170	Linux Administration	44	22		5.0
BIT 258	Integrating Network Infrastructures	44	22		5.0
BIT 275	Database Design	55			5.0
BIT 197, or BIT 297	BIT Work-Based Learning I, or BIT Work-Based Learning II				5.0