



# 2-Year Program Map for Cisco Technologies AAT Degree

## Area of Study: Science, Technology, and Engineering

Program maps are suggested academic plans and should not be used in the place of regular academic advising. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan.

Network administrators are trained to maintain and troubleshoot network issues when they arise to minimize costly downtime. Clark's Network Technology department provides training for students in modern computer networks and network security.

**Fall Term Start** - Online classes with twice weekly online video conference meetings w/instructor in the evening hours.

**Winter Term Start** - Morning classes physically attended at Clark College main campus

**Spring Term Start** - Evening classes physically attended at Clark College main campus

**Free Tutoring Services** are available in the Network Technology (NTEC) Lab to support you throughout your degree completion.

## Year One

### Term One

- COLL 101 College Essentials ..... 2
- PTCS 110\* Prof Tech Computational Skills or a transferable computational course with Intermediate Algebra as a prerequisite ..... 5
- ENGL&101 English Composition I, or PTWR 135\* Intro to Applied Technical Writing ..... 5

\* This course does not meet 100 level incoming/transfer credit requirements for transfer/bachelor degree programs.

### Term Two

- NTEC 103 IP Subnetting ..... 3
- NTEC 125 Introduction to Cybersecurity ..... 3
- NTEC 151 Linux Essentials ..... 3
- NTEC 142 Cloud Computing Fundamentals ..... 3

### Term Three

- NTEC 161 Network Scripting Fundamentals ..... 6
- NTEC 221 Cisco CCNA 1 ..... 6
- Any course from the Human Relations distribution ..... 3

**90 credits required. View the [Clark College Catalog](#) for additional program information**

**Key:** ^ Alternative classes are available to fit your schedule or interest. & Common Course, same course is available at many community colleges throughout the State of Washington.

## Approximate Costs Each Term

Tuition \$1,490\* for 15 credits per term plus books, supplies, and miscellaneous fees. \*Tuition based on Washington resident rates. View [residency classifications](#) on our website.

## Year Two

### Term Four

- NTEC 222 Cisco CCNA 2 ..... 6
- NTEC 252 Linux Network Admin 1 ..... 6

### Term Five

- NTEC 223 Cisco CCNA3 ..... 6
- NTEC 225 Cisco CCNA Security ..... 6

### Term Six

- NTEC 253 Linux Network Admin 2 ..... 6
- NTEC 235 Microsoft Server Administrator 2 ..... 6

### Term Seven

- NTEC 220 Deploying Linux Server Services ..... 6
- NTEC 242 Datacenter Virtualization ..... 6
- NTEC 299 Capstone Experience ..... 3

## Customize with Advising

Make an appointment online with Advising Services to learn more about customizing your academic plan at [clark.edu/advising](http://clark.edu/advising).

## How to Enroll

Visit Clark College's Welcome Center in Gaiser Hall room 127 or the [Get Started webpage](#) for information on becoming a new student. Email [start@clark.edu](mailto:start@clark.edu) or call 360-992-2078.

Apply for Admission

## Support Services

At Clark College, we know that everyone who walks through our doors is a unique person with diverse, interesting and sometimes challenging circumstances. We are committed to ensuring each and every student can succeed at Clark, and are committed to serving systemically non-dominant communities, including (but not limited to) people of color, those who identify as LGBTQIA2S+ and people with disabilities. We have resource centers, clubs, programs and activities for all students.

Visit our [Student Support page](#) for more information.

## Funding Options at Clark

There are many resources available to help students cover the costs to attend college—tuition, books, fees, tools, transportation, childcare, etc.—so you can focus on completing your degree or certificate.

**Grants** Based on need. You do not need to pay back grants.

**Scholarships** Similar to grants, and there are different criteria; Clark College awards hundreds of thousands of dollars to students each year. We encourage everyone to apply!

**Student Employment & Work Study** Money you earn through working part-time; this helps to reduce your reliance on loans, and build your skills and resume.

**Loans** If you do need to borrow additional funds to pay for college-related expenses, you can consider loans. It is money you borrow and will pay back with interest.

**Specific Assistance** For Veterans, worker retraining, DREAMers, students receiving DSHS benefits, and more.

For more information, visit our [paying for college website](#) or visit the **Office of Financial Aid in Gaiser Hall room 101**.

## Career Opportunities

Career exploration and planning is an essential step to establishing your academic journey at Clark College and beyond. Career Services connects you with resources and strategies for career planning in six areas: knowing self; career awareness; relationship building and networking; work-based learning; job-search skills; and career readiness competencies. You are encouraged to participate in *MyPlan*, a comprehensive and interactive guide with activities to support your career, academic, and financial wellness planning. Visit [Career Services](#) in the **Penguin Union Building room 002**.

Students who complete the **Cisco Technologies Associate in Applied Technology** degree could be employed as:

**Network Technician**  
**Network Support Specialist**

**Network Administrator**

Students who complete the Network Technologies AAT Degree could also continue their education in the Cybersecurity Bachelor's Degree program at Clark College: [clark.edu/cyber](http://clark.edu/cyber)

Career exploration information established by Clark Faculty and Staff.



*Clark College does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal in its programs and activities, in accordance with state and federal laws. The responsibility for and the protection of this commitment extends to students, faculty, administration, staff, contractors and those who develop or participate in college programs. It encompasses every aspect of employment and every student and community activity. The following person has been designated to handle inquiries regarding non-discrimination policies: Vice President of Diversity, Equity, and Inclusion, Gaiser Hall (GHL) 220, 360-992-2757, or 360-991-0901 (video phone).*

*Alternate format of this document is available upon request. Please contact Disability Support Services at 360-992-2314, or 360-991-0901 (video phone).*

*Created in March 2020, last updated in June 2020*