Academic Plan - Certificate Computer Technician

**Catalog Year: 2019/2020**

**Total Credits:27**

The Computer Technician program prepares individuals for entry-level jobs in the personal computer industry involving the installation, upgrading and servicing of personal computer systems and computer networks. Three common examples of positions in which a graduate of this program might be employed are retail computer store technician, field service technician for a computer/network systems reseller and in-house computer/network technician for a large company.

Students in this program gain extensive experience with computer hardware, software and networks. Upon successful completion of the program, the student is prepared to take the CompTIA A+ certification exam, the competency standard for service technicians in the computer industry.

# Required Courses

3 Credits, CIS 118 - Intro to PC Applications, available fall spring summer

3 Credits, CIS 124 - Intro to Operating Systems, available fall spring

3 Credits, CNG 124 - Networking I: Network +, available fall spring summer

3 Credits, CNG 125 - Networking II: Network +, available fall spring

3 Credits, CNG 211 - Windows Configuration: (OS), available fall spring

4 Credits, CNG 120 - A+ Certification Preparation, available fall spring

4 Credits, CNG 121 - Computer Technician I: A+, available fall spring summer

4 Credits, CNG 122 - Computer Technician II: A+, available fall spring

# Pre-Requisites, Co-Requisites, and Recommendations

CIS 118 - Intro to PC Applications

Requirement: Students must have Windows file management skills to create file folders, rename files, delete

CIS 124 - Intro to Operating Systems

Requirement: Students must have Windows file management skills to create file folders, rename files, delete

CNG 120 - A+ Certification Preparation

Pre-Requisite/Corequisite: CNG 122 - Computer Technician II: A+

CNG 122 - Computer Technician II: A+

Pre-Requisite: CNG 121 - Computer Technician I: A+

CNG 125 - Networking II: Network +

Pre-Requisite: CNG 124 - Networking I: Network +

# Notes

CIS 118 – Introduction to PC Applications (May substitute select courses, see 2019/2020 Catalog for requirements.

Course availability is subject to change.

Refer to 19/20 catalog for specific requirements and important information about this certificate.

Recommended courses may be listed above for certain electives; consult with the Academic Advising Office (advising@arapahoe.edu or 303.797.5664) for additional elective recommendations.

# Graduation Requirements

To graduate, students must apply for graduation (form available at www.arapahoe.edu/departments-and-programs/graduation) by the deadline and meet all degree requirements.

# RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

## Year 1: Fall

3 Credits, CIS 118 - Intro to PC Applications

3 Credits, CIS 124 - Intro to Operating Systems

4 Credits, CNG 121 - Computer Technician I: A+

3 Credits, CNG 124 - Networking I: Network +

## Year 1: Spring

4 Credits, CNG 120 - A+ Certification Preparation

4 Credits, CNG 122 - Computer Technician II: A+

3 Credits, CNG 125 - Networking II: Network +

3 Credits, CNG 211 - Windows Configuration: (OS)

# RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

## Year 1: Fall

3 Credits, CIS 118 - Intro to PC Applications

3 Credits, CIS 124 - Intro to Operating Systems

## Year 1: Spring

4 Credits, CNG 121 - Computer Technician I: A+

3 Credits, CNG 124 - Networking I: Network +

## Year 2: Fall

4 Credits, CNG 122 - Computer Technician II: A+

3 Credits, CNG 125 - Networking II: Network +

## Year 2: Spring

4 Credits, CNG 120 - A+ Certification Preparation

3 Credits, CNG 211 - Windows Configuration: (OS)