AAS Computer Networking Technology
67-69 CREDITS

Description: This flowchart is designed to display certificates embedded within degrees, and to quickly identify course prerequisites to assist in planning the order in which courses should be taken.
The red arrow ➡ indicates when a course is a prerequisite for another course.

Instructions: This flowchart uses a bottom-up approach. Begin on Line 1 at the bottom of the chart. The General Education requirements are grouped together on the right of the chart, with program requirements to the left of the General Education requirements. The courses can be taken in any order, but if your goal is to achieve the Associate degree, it is recommended that you take all of the courses on Line 1, then all of the courses on Line 2, and so forth. You could also begin with courses in an embedded certificate(s), and progress to other requirements after certificate attainment. Click the buttons below to view how the certificates are embedded within the Associate degree.

All Courses are needed for an AAS degree

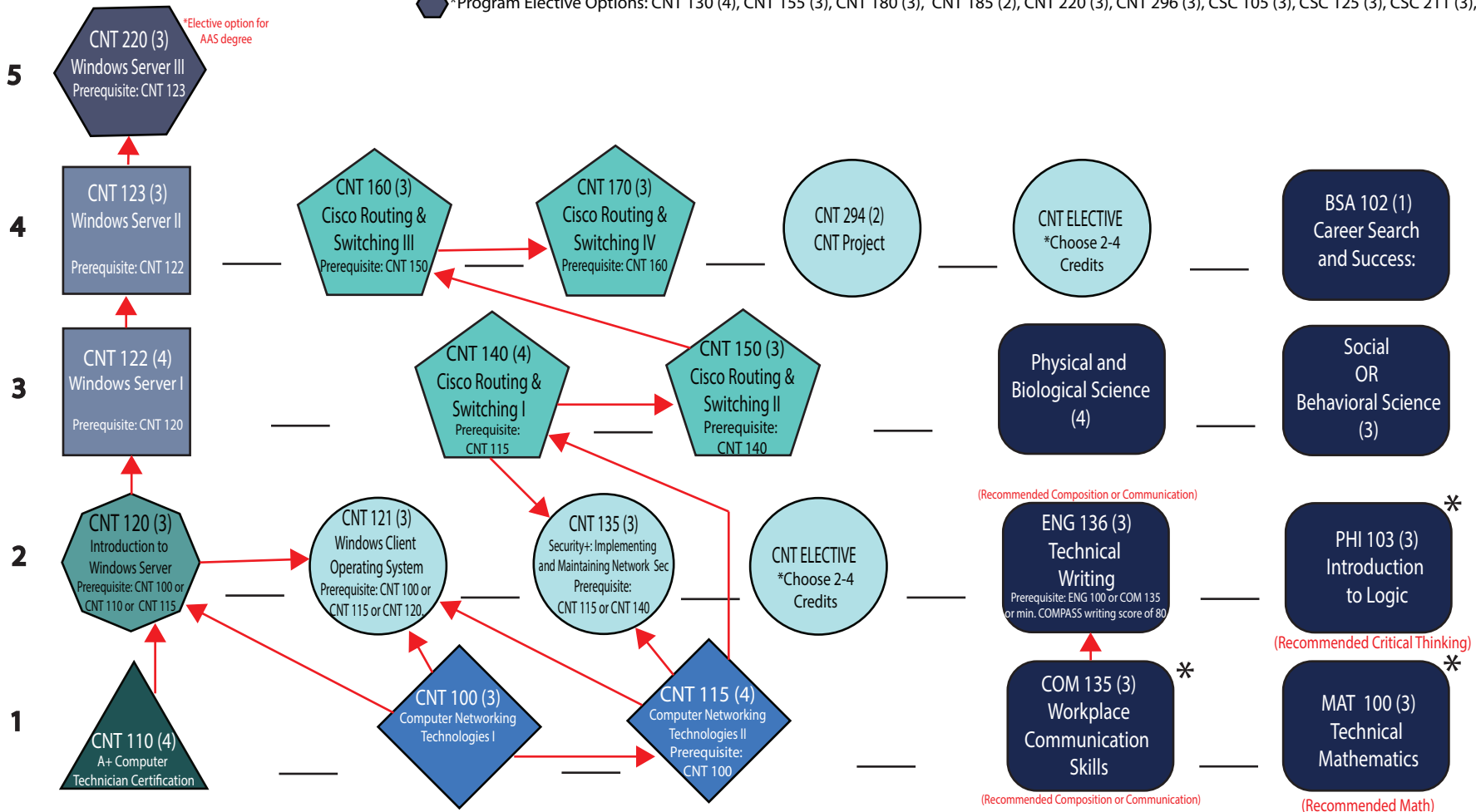Computer Networking Technician Certificate Courses

Cisco Networking Specialist Certificate Courses

Windows Server Administrator Certificate Courses

KEY
↑ Classes are pre-requisites
✱ Reading or Math Assessment Scores Required

*Program Elective Options: CNT 130 (4), CNT 155 (3), CNT 180 (3), CNT 185 (2), CNT 220 (3), CNT 296 (3), CSC 105 (3), CSC 125 (3), CSC 211 (3), CSA 282 (3)

5

CNT 220 (3)
Windows Server III
Prerequisite: CNT 123
*Elective option for AAS degree

4

CNT 123 (3)
Windows Server II
Prerequisite: CNT 122

CNT 160 (3)
Cisco Routing & Switching III
Prerequisite: CNT 150

CNT 170 (3)
Cisco Routing & Switching IV
Prerequisite: CNT 160

CNT 294 (2)
CNT Project

CNT ELECTIVE
*Choose 2-4 Credits

BSA 102 (1)
Career Search and Success:

3

CNT 122 (4)
Windows Server I
Prerequisite: CNT 120

CNT 140 (4)
Cisco Routing & Switching I
Prerequisite: CNT 115

CNT 150 (3)
Cisco Routing & Switching II
Prerequisite: CNT 140

Physical and Biological Science (4)

Social OR Behavioral Science (3)

2

CNT 120 (3)
Introduction to Windows Server
Prerequisite: CNT 100 or CNT 110 or CNT 115

CNT 121 (3)
Windows Client Operating System
Prerequisite: CNT 100 or CNT 115 or CNT 120.

CNT 135 (3)
Security+: Implementing and Maintaining Network Sec
Prerequisite: CNT 115 or CNT 140

CNT ELECTIVE
*Choose 2-4 Credits

(Recommended Composition or Communication)
ENG 136 (3)
Technical Writing
Prerequisite: ENG 100 or COM 135 or min. COMPASS writing score of 80

✱
PHI 103 (3)
Introduction to Logic

(Recommended Critical Thinking)

1

CNT 110 (4)
A+ Computer Technician Certification

CNT 100 (3)
Computer Networking Technologies I

CNT 115 (4)
Computer Networking Technologies II
Prerequisite: CNT 100

✱
COM 135 (3)
Workplace Communication Skills

(Recommended Composition or Communication)

✱
MAT 100 (3)
Technical Mathematics

(Recommended Math)

Created Summer 2018

Computer Networking Technician Certificate
14 CREDITS

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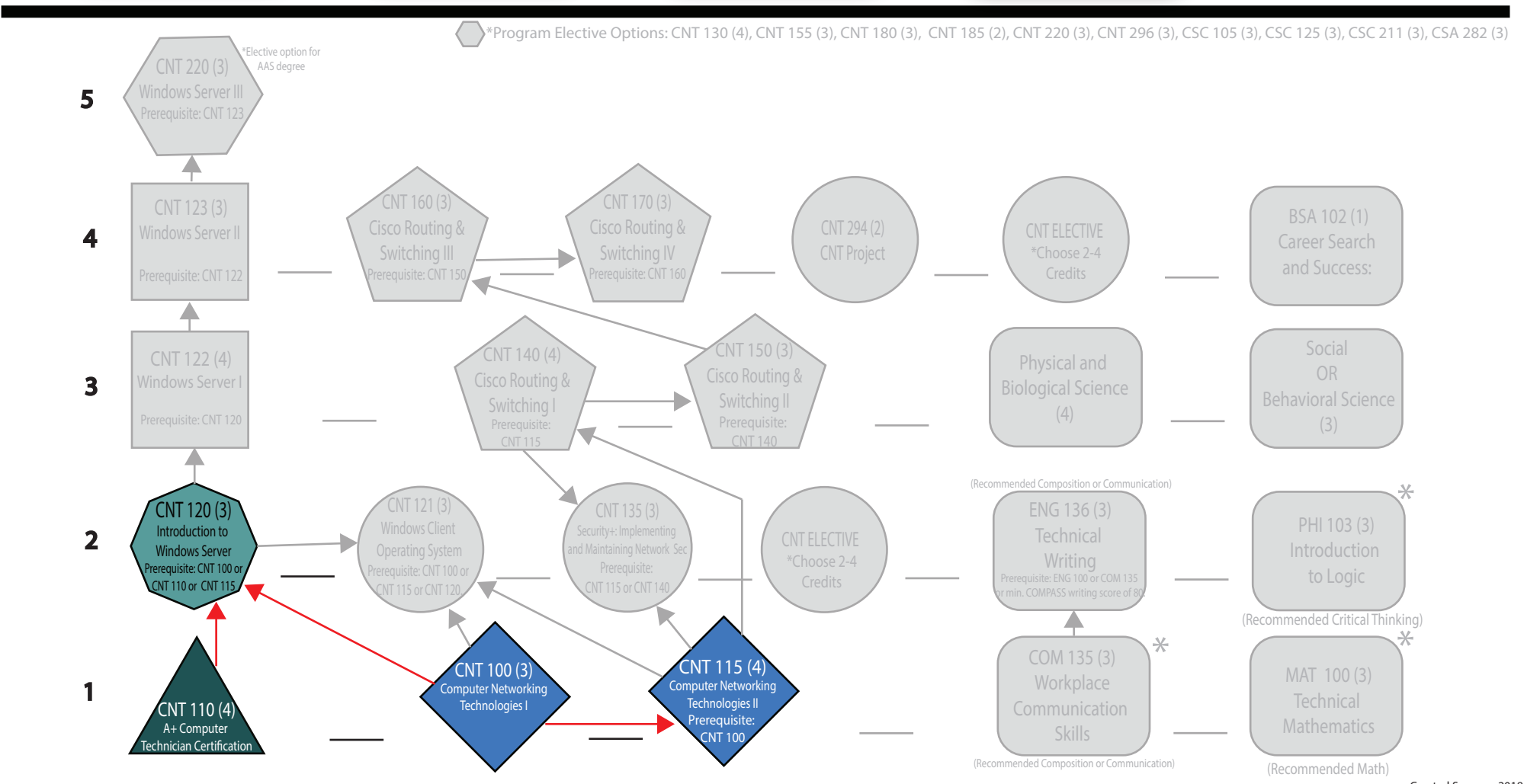All Courses are needed for an AAS degree

Computer Networking Technician Certificate Courses

Cisco Networking Specialist Certificate Courses

Windows Server Administrator Certificate Courses

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*Elective option for AAS degree

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CNT 123 (3)
Windows Server II

Prerequisite: CNT 122

CNT 160 (3)
Cisco Routing & Switching III
Prerequisite: CNT 150

CNT 170 (3)
Cisco Routing & Switching IV
Prerequisite: CNT 160

CNT 294 (2)
CNT Project

CNT ELECTIVE
*Choose 2-4 Credits

BSA 102 (1)
Career Search and Success:

3

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Windows Server I

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Cisco Routing & Switching I
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CNT ELECTIVE
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Technical Writing
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PHI 103 (3)
Introduction to Logic *
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A+ Computer Technician Certification

CNT 100 (3)
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CNT 115 (4)
Computer Networking Technologies II
Prerequisite: CNT 100

COM 135 (3)
Workplace Communication Skills *
(Recommended Composition or Communication)

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Technical Mathematics *
(Recommended Math)

Created Summer 2018

Cisco Networking Specialist Certificate
20 CREDITS

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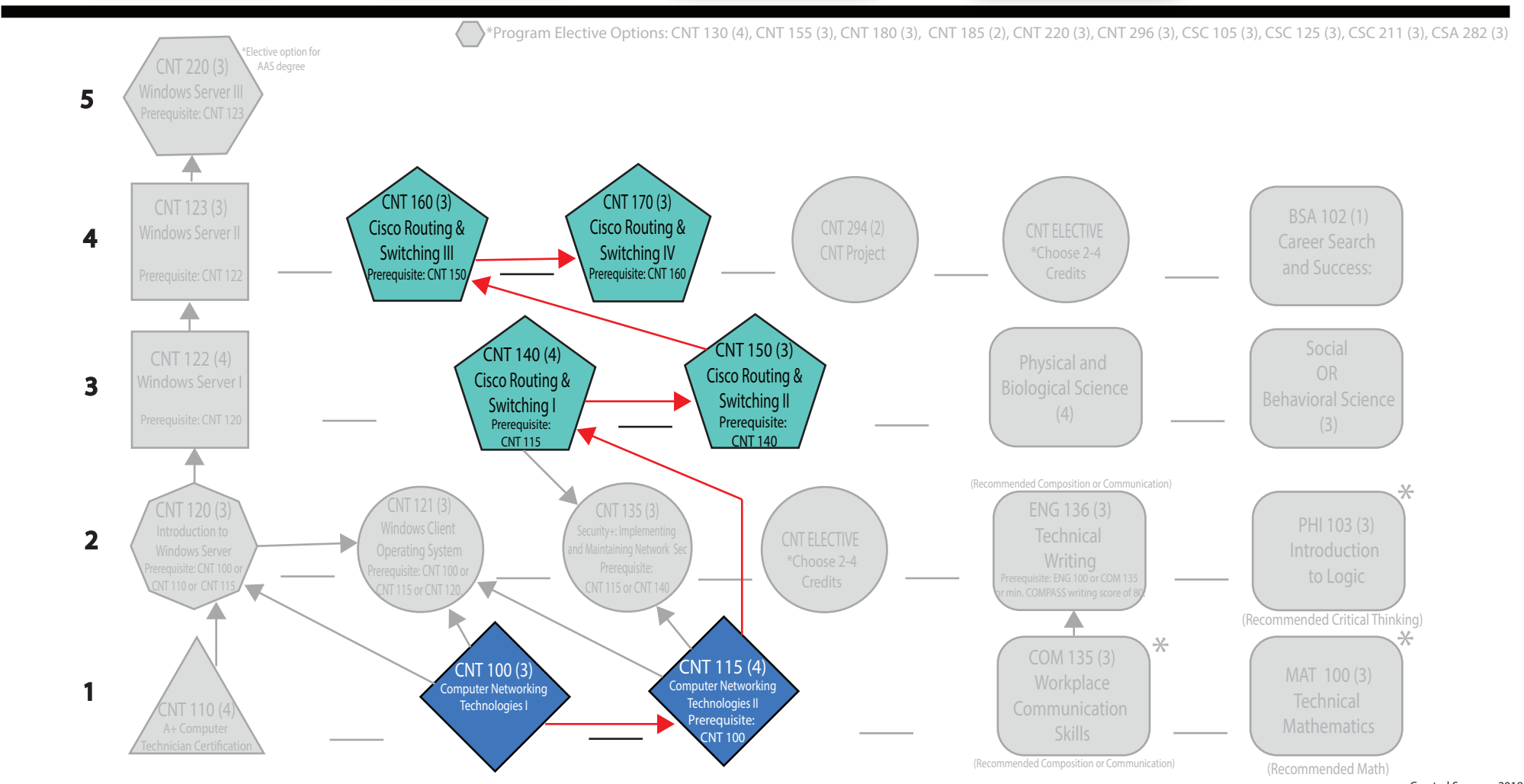All Courses are needed for an AAS degree

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Cisco Networking Specialist Certificate Courses

Windows Server Administrator Certificate Courses

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CNT 170 (3) Cisco Routing & Switching IV Prerequisite: CNT 160

CNT 294 (2) CNT Project

CNT ELECTIVE *Choose 2-4 Credits

BSA 102 (1) Career Search and Success:

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CNT 100 (3) Computer Networking Technologies I

CNT 115 (4) Computer Networking Technologies II Prerequisite: CNT 100

COM 135 (3) Workplace Communication Skills ✳
(Recommended Composition or Communication)

MAT 100 (3) Technical Mathematics ✳
(Recommended Math)

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