

# COMPUTER NETWORKING, AS

**Program code:** CPNT-AS

**Location:** Capital, Gateway, Manchester, Quinebaug Valley, Tunxis

## Certificate Requirements

Code	Title	Credits
<b>General Education Courses</b>		
ENG 1010	Composition	3
MATH 1000 or higher <sup>1</sup>		3-4
Elective ARHX - Arts & Humanities Course		3-4
Choose one of the following:		3-4
Elective SCKX - Scientific Knowledge Course <sup>2</sup>		
Elective SCRX - Scientific Reasoning Course		
Elective SBSX - Social / Behavioral Science Course or Elective HISX - Historical Knowledge Course		3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CSC 1001	College and Career Success	3
<b>Program Courses</b>		
CSC 1203	Python Fundamentals	3
CST 1111	Computer Hardware	4
CST 1221	Networking I	4
CST 2222	Networking II	4
CST 2223	Networking III	4
CST 2125	Protocol Analysis	3
CST 2161	Virtualization and Cloud Computing	3
CST 1141	Linux System Administration	4
CST 2142	Windows Server Administration	4
CYS 2111	Network Security	3
Elective - Any EGR, CIS, CSC, CSA, CST, or CYS course		3-4
<b>Total Credits</b>		<b>60-64</b>

<sup>1</sup> MATH 1200 Statistics I recommended

<sup>2</sup> PHYS 1100 Introductory Physics recommended