



Academic Map: Computing and Information Technology- Networking: Network Admin (AAS)

Associate of Applied Science (A.A.S) | 62 Total Credits¹ | CSN Degree Code: CITNRS-AAS | Catalog Year: 2022-2023 |

Computing and Engineering Technologies Advanced and Applied Technology Department of Computing and Information Technology

Jobs and Employment Information: <https://www.csn.edu/cetarea>

DESCRIPTION: Coursework in this degree emphasizes theoretical knowledge, applied skills and business skills used by employees in computer network administration operations.

TERM 1 – TOTAL CREDIT HOURS: 16-19	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
ET 111B or MATH 116 or above*	3	ACT/SAT or Placement	GE Math	C	*Except MATH 122/123
ENG 107 Technical Communications	3	ACT/SAT or ENG Place Score; or C or up in ENG 98 or ESL 139	GE ENG Comp	C	
Human Rel Elect – see advisor/counselor	3	Depends on course chosen	GE Human Rel	C	
IS 100B or IS 101 ¹	0-3	None	Digital Literacy	C	
CIT 112B Network+	3	None	Special Prog Req	C	
CIT 114B IT Essentials	4	None	Special Prog Req	C	Mandatory Advising Required
TERM 2 – TOTAL CREDIT HOURS: 16	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
EGG 131 Technical Physics I	3	ET 11B or MATH 116 or above (Except MATH 122/123)	GE Nat Science	C	
CIT 129 Introduction to Programming	3	ET 11B or MATH 116 or above (Except MATH 122/123)	Special Prog Req	C	
CIT 173 Introduction to Linux	3	None	Special Prog Req		
CIT 211 Microsoft OS management	3	None	Special Prog Req	C	
CSCO 120 CCNA Intro to Networks	4	None	Special Prog Req	C	Mandatory Advising Required
TERM 3 – TOTAL CREDIT HOURS: 16	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
CIT 148 Beginning Python Programming	3	CIT 129 or Instructor Approval	Special Prog Req	C	
CIT 217 Security+	3	CIT 112B or associated certifications	Special Prog Req	C	
CIT 263 Project Management	3	IS 100B or IS 101 and a C or up in ENG100 or above or COM 101 or above or Instructor Approval	Special Prog Req	C	
CSCO 121 CCNA Switch, Route & Wireless Ess	4	CSCO 120	Special Prog Req	C	
COM 115 Applied Communications	3	None	GE Com	C	Mandatory Advising Required
TERM 4 – TOTAL CREDIT HOURS: 14	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
FA/HUM/SS Elective – See advisor/counselor	3	Depends on course chosen	GE FA/Hum/SS	C	
PSC 101 or HIST 100	4	None	GE US/NV Cons	C	
CIT 290 or CSCO 105B	3	Depends on course chosen	SP Elective	C	
CSCO 220 CCNA Ent Net, Sec, and Automation	4	CSCO 121	Special Prog Req	C	Apply for Graduation

¹Students who need IS 101 will complete a total of 65 credits for this degree.

