

Sample Academic Plan: Information Technology- Network Technician AA/AS Degree

Catalog: 22-23

GE Pattern: Sierra College

Full Time, Total Units: 61

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (15 units)

Course Number	Course Title	Units	Area
IT 0100	Info and Communication Technology Essentials	4 units	Major
ENGL 0001A	College Read/Write/Research	4 units	SC Area D1/LS 1 & 2
	General Education	4 units	SC Area A
	General Education	3 units	SC Area E

Semester 2 (16 units)

Course Number	Course Title	Units	Area
IT 0105	Computer Network Fundamentals	3 units	Major
MATH 0013	Elementary Statistics	4 units	SC Area D2/LS 4
	General Education	3 units	SC Area B
	General Education	3 units	SC Area LS 3
	Elective	3 units	Elective

Second Year

Semester 3 (15 units)

Course Number	Course Title	Units	Area
IT 0115	Server Systems administration	3 units	Major
IT 0120	Introduction to Information Systems Security	3 units	Elective/Prerequisite
IT 0125	Routing and switching Essentials	3 units	Major
	General Education	4 units	SC Area F
	Elective	2 units	Elective

Semester 4 (15 units)

Course Number	Course Title	Units	Area
IT 0130	Cisco CCNA 3 Entprs Network Sec & Automation	3 units	Major
IT 0140	Implementing Network Security and Firewalls	3 units	Major
IT 15/ IT 75/ IT 80/ IT 110	Bus Info Sys/Python/IoT- Intrnt of Thgs/Client OS	3 units	Major Elective
	General Education	3 units	SC Area C
	Elective	3 units	Elective