

# ASSOCIATE OF SCIENCE IN INFORMATION COMMUNICATION TECHNOLOGY (AS)

This degree prepares students for entry-level employment in the field of Information Communication Technology through the study of Network Hardware, Software, Design, Maintenance, and Security. Students will acquire skills in Supporting and Managing Network Systems in Microsoft and Cisco platforms.

## Program Outcomes

- At the end of this program, students will be able to design, support, and manage network systems.

## Career Opportunities

Upon successful completion of this degree, students will be prepared for careers or employment in the following fields: Help Desk Technician, and Network Support role in business operations.

## Note

This degree is not designed for transfer; however, the courses included in this degree may be transferable and apply to other degrees designed for transfer.

## Program Requirements

Code	Title	Units
GENERAL EDUCATION AND SUBJECT REQUIREMENTS		25
College of the Sequoias' Associate Degree General Education (COS-GE) *		
+		
REQUIRED MAJOR COURSES		37
BUS/COMM 112	Public Speaking for Business	4
BUS 184	Business Communications	3
COMP 006	Programming Fundamentals	3
COMP 233	Database Processing	3
ICT 201	PC Repair and Maintenance	4
ICT 221	Cisco Academy 1	4
ICT 222	CISCO Academy 2	4
or ICT 210	Introduction to Microsoft Windows Server	
ICT 223	CISCO Academy 3	4
or ICT 235	Introduction to Virtual Computing	
ICT 224	CISCO Academy 4	4
or ICT 240	Introduction to Cloud Computing	
ICT 230	Network Security Fundamentals	4
+		
ELECTIVES		1
Select additional courses numbered 1-299 to achieve 60 units		
=		
TOTAL		60

\* Courses meet General Education requirements and 3 units may double count above in 1 (COS-GE).

The Associate Degree requirements include completion of the:

- Required major courses and restricted elective courses with a "C" or better grade in each course (required and restricted elective courses may be substituted with the approval of the Division Chair),
- General Education requirements,
- Subject requirements including PE, Health & Wellness, and American Institutions, and
- A minimum of 60 units of degree applicable courses numbered 1-299, at least 12 of which must be taken in residence at College of the Sequoias, with a "C" (2.0) average (see Associate Degree Requirements (<https://catalog.cos.edu/associate-degree-requirements/>) for additional details).