



INFORMATION SYSTEMS - NETWORK & SECURITY

- Associate of Science in Network and Security and Associate Degree in Information Technology Support Option (AS)
- Certificate of Achievement in Network Security
- Certificate in Information Technology Support

Students who successfully complete the program will be prepared to take the CompTIA Network+ and Security+ Certification exams, certifications recognized industry-wide as benchmarks for computer networking and security technician certification.

If planning to transfer to a UC or CSU additional requirements may be required.

Program Contact: Jason Boyer • Program Counselor: Steve Jones

SEMESTER 1

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 80	Computer Technician A+ Training	12	
ENGL 1A/1AH	Reading and Composition	4	<i>Visit the Reading and Writing Center</i>
GE REQ	Physical Education	1	<i>Choose any physical education activity class</i>
	TOTAL UNITS	17	<i>Visit the Tutorial and Career Centers.</i>

SEMESTER 2

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 26A	Web Development with HTML	3	
IS 81	Computer Network + and Security + Training	12	
BA 39 or STAT 7	Finite Math in Business or Elementary Statistics	3-4	<i>Visit the Math Center</i>
	TOTAL UNITS	18-19	<i>Meet with your counselor to finalize your Student Education Plan (SEP)</i>

This map is intended to be used as a tool in discussion with your counselor for the creation of your personalized Student Education Plan (SEP).

SEMESTER 3

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 31	Introduction to Programming	3	
IS 40A	Web Development with HTML	3	
BA 5	Business Communications	3	
SOC 1A	Introduction to Sociology	3	<i>Covers Social and Behavioral Sciences and Physical and Mental Wellness GE requirements</i>
GE REQ	Oral Communication	3	<i>Meet with counselor/advisor for assistance in choosing GE courses</i>
GE REQ	Physical Education	1	<i>Choose any physical education activity class</i>
	TOTAL UNITS	15	<i>Apply to 4-year institution(s), if planning to transfer</i>

SEMESTER 4

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 40A	Advanced Web Development	4	
POLSCI 110 or POLSCI 2/2H	American Government	3	<i>Take POLSCI 2, if planning to transfer</i>
GE REQ	Humanities	3	<i>Recommend PHIL 1C/1CH</i>
BA 10	Introduction to Business	3	
GE REQ	Science	3-4	<i>Discuss with your counselor/ advisor options for General Education and Electives</i>
	TOTAL UNITS	16-17	<i>Apply for graduation with degree and certificates</i>

CAREER OPPORTUNITIES

Students with the degree may pursue careers in areas such as:
IS Technician, IS Network Technician, Web Developer, Database Administrators, Network Administrators, Network Engineers

Popular Transfer Programs:
CSU Fresno, Stanislaus

