CIS: Information Technology Technician A.S. Degree

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

GE Pattern: local AA/AS

Total Units: 60

First Year

Semester 1   15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	CISC 310 Introduction to Computer Information Science	3		
RE	CISA 126 Outlook: Basics **or**	1		
	BUSTEC 126 Outlook: Basics	1		
RE	CISA 127 Outlook: Tools **or**	1	CISA 126/BUSTEC 126	
	BUSTEC 127 Outlook: Tools	1		
RE	CISA 305 Beginning Word Processing	2		
RE	CISA 315 Introduction to Electronic Spreadsheets	2		
GE	ENGL C1000 Academic Reading and Writing **or**	3		L1A
	ENGL C1000H ^H Academic Reading and Writing - Honors	3		
GE	any Area L7A (Physical Education) course	1		L7A
GE	any Area L7B (Life Development Skills) course	2		L7B

Semester 2   15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	BUS 224 Customer Service	1		
Req	CISA 160 Project Management Techniques and Software **or**	3		
	MGMT 142 Project Management Techniques and Software	3		
Req	CISC 320 Operating Systems	1		
Req	CISC 361 Information Technology Fundamentals	3		
GE	any Area L3 (Arts & Humanities) course	3		L3

CAREER PATH

Career Options:

This degree prepares students for entry-level IT positions in PC support management.

Advising Notes:

- This degree can be completed using either the local AA/AS general education (GE) pattern or the Cal-G ETC transfer GE pattern. See a counselor to determine which pattern is best for you based on your academic goals.

- Students can substitute ESLW 340 for ENGL C1000/C1000H (formerly known as ENGWR 300/480).

- **Elective Courses:** any elective courses numbered 100-499, or having a 4-digit number starting with C.

Scheduling Notes:

- CISA 126/BUSTEC 126 is offered during the 1st 8 weeks and CISA 127/BUSTEC 127 is offered during the 2nd 8 weeks, so they can be taken in the same semester.

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
GE	STAT C1000 Introduction to Statistics **or**	4		L2
	STAT C1000H [H] Introduction to Statistics - Honors	4		

Second Year

Semester 3 — 15.5 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	CISN 340 Cisco Networking Academy CCNA: Introduction to Networks	3.5		
Req	CISS 315 Ethical Hacking	3		
RC	CISS 310[1] Network Security Fundamentals	3		
Req	CISS 350 Disaster Recovery	3		
GE	any Area L6 (Ethnic Studies) course	3		L6

[1] CISS 310 is not part of this degree but is a corequisite for CISS 315.

Semester 4 — 14.5 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
GE	any Area L1B (Oral Communication & Critical Thinking) course	3		L1B
GE	any Area L4 (Social & Behavioral Sciences) course	3		L4
GE	any Area L5 (Natural Sciences) course	3		L5
Elec	any elective course	3		
Elec	any elective course	2.5		

[H] honors courses

EXPLANATION OF CATEGORIES		
Req	Required Core	A course that is required for this program
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement
RC	Recommended Course	A course that is not part of this program but is included in its roadmap
Elec	Degree Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree