



# Cybersecurity and Information Assurance A.S. Degree - Cal-GETC

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2025-26

**Total Units:** 65-66

## First Year

### Semester 1

13-14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISN 340	CISCO Networking Academy (CCNA)tm: Introduction to Networks	3.5	
Maj	CISN 341 <sup>+</sup>	CISCO Networking Academy (CCNA)tm:Switching, Routing, and Wireless Essentials	3.5	
GE	ENGL C1000 <sup>*</sup> / ENGWR 488 <sup>H</sup> / ESLW 340 / BUS 310 <sup>+</sup>	Academic Reading and Writing	3-4	Cal-GETC Area 1A
GE		Social and Behavioral Sciences	3	Cal-GETC Area 4

**+ Prerequisite for CISN 341:** CISN 340 with a grade of "C" or better

\*If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.

**+ Prerequisite for BUS 310:** BUS 100, ENGL C1000, or ESLW 340 with a grade of "C" or better

### Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISS 315	Ethical Hacking	3	
Maj	CISS 310	Network Security Fundamentals	3	
Maj	CISS 350	Disaster Recovery	3	
GE		*Mathematical Concepts & Quantitative Reasoning <sup>*</sup>	3	Cal-GETC Area 2

## Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

## Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

## AA/AS Requirements

Associate Degrees require the following:

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		**Social & Behavioral Sciences	3	Cal-GETC Area 4

\*Choose one of the recommended courses under your STEM placements except MATH 386. MATH 386 is not approved for Cal-GETC. (Check your eServices account.) Meet with a counselor for recommended Math options.

\*\*Cal-GETC Area 4 requires 2 courses from different disciplines. Select a course from Cal-GETC Area 4 from a different discipline than the previously completed Cal-GETC Area 4 course.

## Summer Term

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts	3	Cal-GETC Area 3A
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B

## Second Year

### Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISN 300	Network Systems Administration	3	
Maj	CISS 321 <sup>+</sup>	Scripting for Cyber Security	3	
Maj	CISS 330 <sup>++</sup>	Implementing Internet Security and Firewalls	3	
Maj	CISS 316 <sup>+++</sup>	Cisco Networking Academy(R): CyberOps Associate	3	
GE		Biological Science	3	Cal-GETC Area 5B

**+ Prerequisite for CISS 321:** CISN 340, CISS 310, or CISS 315 with a grade of "C" or better

\*CISS 321 is typically only offered during the summer semester.

**+ Prerequisite for CISS 330:** CISS 310 with a grade of "C" or better

\*\*CISS 330 is typically only offered during the spring semester.

\*\*\*CISS 316 is typically only offered during the fall and summer semesters.

Rios Community College District.

2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of the California a General Education Transfer Curriculum (Cal-GETC). Areas 1 through 6 must be completed with a grade of "C" or better.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

*Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.*

### Department Notes

- Students are encouraged to contact the CIS faculty for course sequence adjustments.
- Department contact: Kevin Anderson - [AndersK@scc.losrios.edu](mailto:AndersK@scc.losrios.edu)

### Placement Information

## Semester 4

16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISS 360 <sup>+</sup> *	Computer Forensics and Investigation	3	
GE		Ethnic Studies	3	Cal-GETC Area 6
GE		Physical Science	3	Cal-GETC Area 5A
GE		**Associate Lab Component	1	Cal-GETC Area 5C
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Humanities	3	Cal-GETC Area 3B

**+ Prerequisite for CISS 360:** CISS 310 or 315 with a grade of "C" or better

\*CISS 360 is typically only offered during the spring semester.

\*\*Cal-GETC Area 5C will not be required if a laboratory activity is included in 5A or 5B.

**Check your eServices account under "Academic Records" to determine your Math and English placements.**

### Important Links

- [SCC General Counseling](#)
- [Computer Science Information - Cybersecurity and Information Assurance](#)
- [Business & Industry Meta Major s](#)

## Third Year

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