



Telecommunications Technician A.S. Degree - Cal-GETC GE

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: 2026-27

Total Units: 72-73

First Year

Semester 1

16-17 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	ET 305 ^	DC/AC Theory and Circuit Fundamentals	4	
Maj	ET 306	Electronics Fabrication and Soldering Techniques	2	
Maj	ET 314 +^	Mathematics for DC/AC Theory and Circuit Fundamentals	3	
Maj	ET 340	Basic Microprocessors	4	
GE	ENGL C1000 * / 488 ^{H+} / ESLW 340 +	Academic Reading and Writing	3-4	Cal-GETC Area 1A

^Corequisite for ET 305: Concurrent enrollment in ET 306 & ET 314

+Prerequisite for ET 314: One year of high school algebra with a grade of "C" or better or through the math placement process

^Corequisite for ET 314: Concurrent enrollment in ET 305

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

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

Semester 2

17 Units

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
Maj	ET 322 ⁺	Semiconductors and Nanotechnology	4	
Maj	ET 335 ⁺	Integrated Circuits with Computer Applications	4	
Maj	ET 390 ⁺	Microprocessor Systems - Troubleshooting	3	
GE		Physical Science	3	Cal-GETC Area 5A
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B

+Prerequisite for ET 322: ET 305 with a grade of "C" or better

^Corequisite for ET 322: Concurrent enrollment in ET 314 or completion of ET 314

+Prerequisite for ET 335: ET 305 with a grade of "C" or better

+Prerequisite for ET 390: ET 340 with a grade of "C" or better or equivalent

Summer Term

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts	3	Cal-GETC Area 3A
GE		Social and Behavioral Sciences	3	Cal-GETC Area 4

Second Year

Semester 3

13 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	ET 362 [^]	Modern Electronic Control Technology	3	
Maj	ET 380 ⁺	Introduction to Electronic Communications	4	
Maj	ET 381 ⁺	Electronic Communication Regulations	3	
GE		*Mathematical Concepts & Quantitative Reasoning	3	Cal-GETC Area 2

^Corequisite for ET 362: ET 305; or prior completion with a grade of "C" or better

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 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.

Placement Information

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

Important Links

[SCC General Counseling](#)
[Electronics Technology - Automated Systems Technician](#)
[Business & Industry Meta Majors](#)

+Prerequisite for ET 380: ET 314 and ET 322 with grades of "C" or better

+Prerequisite for ET 381: ET 322 with a grade of "C" or better

*Choose one of the recommended courses from your math placements except MATH 310 and 386. MATH 310 and 386 are not approved for Cal-GETC. (Check your eServices account.) Meet with a counselor for recommended Math options.

Semester 4

14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	ET 400 ⁺	Microwave Communications Techniques	4	
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Ethnic Studies	3	Cal-GETC Area 6
GE		Biological Science	3	Cal-GETC Area 5B
GE		*Associate Lab Component	1	Cal-GETC Area 5C

+Prerequisite for ET 400: ET 315, ET 322 & ET 335 with grades of "C" or better

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

Summer Term

6 Units

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

*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.