Telecommunications Technician Certificate

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: 2024-25

Total Units: 38

First Year

Semester 1 — 13 Units

CAT.	COURSE	TITLE	UNIT
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

^**Corequisite for ET 305:** ET 306 & 314

+**Prerequisite for ET 314:** One year of high school algebra with a grade of "C" or better, or qualifying mathematics assessment test scores or equivalent

^**Corequisite for ET 314:** ET 305

Semester 2 — 11 Units

CAT.	COURSE	TITLE	UNIT
Maj	ET 322 +^	Semiconductors and Nanotechnology	4
Maj	ET 335 +	Integrated Circuits with Computer Applications	4
Maj	ET 390 +	Microprocessor Systems - Troubleshooting	3

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

^**Corequisite for ET 322:** ET 314; completion of or concurrent enrollment in 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

Second Year

Semester 3 — 10 Units

CAT.	COURSE	TITLE	UNIT
Maj	ET 362 ^	Modern Electronic Control Technology	3
Maj	ET 380 +	Introduction to Electronic Communications	4

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.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each course with a minimum of 12 units completed at Sacramento City College.

Important Links

SCC General Counseling
Electronics Technology - Automated Systems Technician
Business & Industry Meta Majors

CAT.	COURSE	TITLE	UNIT
Maj	ET 381 +	Electronic Communication Regulations	3

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

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

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

Semester 4   4 Units

CAT.	COURSE	TITLE	UNIT
Maj	ET 400 +	Microwave Communications Techniques	4

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

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