

Telecommunications Technology A.A.S.

This program prepares students for employment in telecommunications and related industries.

Degree Requirements

Students learn to operate, install, maintain, and repair audio, video, RF, and specialized communications equipment used in the media and telecommunications industries.

Students work on engineering, operations, and production projects in a professional environment. Cayuga's facilities include video studio diagnostic stations, electronics labs, and a fully operational radio lab used for technical instruction. Internships are required in area industry facilities. Program graduates are eligible to receive certification as broadcast technologists from the Society of Broadcast Engineers.

The curriculum listed on this page represents the minimum coursework required for the A.A.S. degree in Telecommunications Technology. Some required courses are offered only in the evening.

Academic Preparation

Required: algebra; readiness for ENGL 101.

Career Possibilities

Graduates are employed as telecommunications specialists in a variety of fields and as radio, television, audio, and cable TV engineers and technicians.

Transfer Information

Students should contact their advisers and/or the transfer counselor in the Student Development Center for information on transfer planning. Early consultation to plan the most appropriate course sequence will optimize transferability.

Map your degree

Courses	Cr Hrs	Semester Completed	Grade
First Semester			
<i>(Available in Auburn and/or Fulton)</i>			
ENGL 101 Freshman English I	3	_____	_____
MATH 102 Intermediate Algebra	3	_____	_____
ELEC 101 Electrical Circuits	4	_____	_____
ELEC 105 Intro to Digital Computers	4	_____	_____
TELC 104 Audio / Video Prod. Techniques I	3	_____	_____
	17		
Second Semester			
<i>(Available in Auburn and/or Fulton)</i>			
ENGL 102 Freshman English II	3	_____	_____
ELEC 102 Basic Electronics	4	_____	_____
TELC 102 Intro to Telecommunications	3	_____	_____
C.S. 110 Exploring Computer Technology	3	_____	_____
Health	1	_____	_____
Physical Education	1	_____	_____
	15		
Third Semester			
<i>(Available in Auburn)</i>			
TELC 140 Analysis of Broadcast Equipment Systems	3	_____	_____
TELC 220 Advanced Audio Production	3	_____	_____
TELC 207 Television Production I	4	_____	_____
ELEC 201 Intermediate Electronics	4	_____	_____
Telecommunications Elective	3	_____	_____
	17		
Fourth Semester			
<i>(Available in Auburn)</i>			
TELC 260 Broadcast Systems Maintenance	3	_____	_____
TELC 275 Internship Radio/TV	3	_____	_____
ELEC 208 RF Communications	4	_____	_____
C.S. 180 Principles of Data Communications	3	_____	_____
C.S. 225 Intro to Networks	3	_____	_____
Physical Education	1	_____	_____
	17		
Total Credit Hours	66		

