

# Federal Communication Commission (FCC) Element 1, 3 & 8 Certification Course

## Costs:

### **Elements 1, 3 & 8:**

300 tuition + \$180 for written tests. It's \$60 first test, \$30 each additional test on a given day (Maximum three tests per day)

Tuition and testing fees must be paid separately. Acceptable forms of payment include: credit/debit card, money order, personal or cashier's check payable to Savannah Technical College

## Course Objectives:

To provide students with the skill and knowledge needed to become FCC licensed in any or all of these Elements: 1, 3, 8. On-site exams are given upon course completion.

## **Career environments for FCC-license holders in Elements 1, 3 & 8 include:**

AM, FM, television and international broadcast stations  
Aircraft radio stations that use other than VHF  
Auxiliary broadcast stations  
Civil Air Patrol stations, on other than VHF  
Aircraft stations and aeronautical ground stations used to communicate with aircraft  
International fixed public radio telephone and radiotelegraph stations  
Avionics component repair, on all aircraft  
Two-way land mobile radio equipment used by police, fire departments and rescue squads, truckers, state and federal government agencies  
Coast and ship radio stations.

## Element Descriptions:

▶Element 1: (Maritime Rules & Regulations) includes: basic radio definitions, operational procedures, priority of communications, antenna requirements, station logs, inspections, and other basic items.

▶Element 3: (Electronics, Radio & Antenna Fundamentals) includes: radio practices, electrical principles, circuit components, practical circuits, signals and emissions, antennas & feed lines and radio wave propagation.

▶Element 8: (RADAR Endorsement) includes: theory and radar practices related to servicing ship radar equipment.

**STEP 1: Contact Jenni West (912) 443-5341**

**Eligibility:**

There are no eligibility requirements to take an FCC test. The FCC requires two forms of applicant identification. Both must have the applicant's signature and one must have the applicant's picture.

Jenni will register students for the FCC classes. They will also provide instructions for payment and testing arrangements.

**STEP 2: Show Up For Class.**

Times: Monday - Friday 6 pm- 10 pm

Location: Savannah Technical College, Crossroads Campus (190 Crossroads Pkwy, Ste 100)

**Questions?**

Jenni West – Director, Gulfstream/STC Development Initiatives (912) 443-5341

Melissa Crenshaw – Admissions (912) 443-5336

Contact the FCC:

FCC Consumer Assistance

1270 Fairfield Rd.

Gettysburg, PA 17425-7245

Telephone: 1 (800) 322-1117

Internet: <http://www.fcc.gov/wtb>