



ASSOCIATION OF

# FEDERAL COMMUNICATIONS CONSULTING ENGINEERS

WASHINGTON, D.C.

[www.afcce.org](http://www.afcce.org)

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## **SCHOLARSHIPS for STUDENTS** *interested in* **RADIO COMMUNICATIONS CONSULTING ENGINEERING** **(including Broadcast and Wireless Telecommunications)** **and related fields**

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The Association of Federal Communications Consulting Engineers ([AFCCCE](http://www.afcce.org)) is a professional organization of individuals who regularly assist clients (typically radio and TV broadcasters and wireless service providers) on technical issues before the Federal Communications Commission (FCC). In addition to its professional activities, AFCCCE engages in charitable and educational activities including the administration of a Scholarship Fund.

Scholarship applications are accepted from college students undertaking a full-time undergraduate (Bachelor's) or graduate (Master's or PhD) program at an accredited college or university with a major in engineering or science and related to the telecommunications field.

Applicants are required to obtain an AFCCCE sponsor who is a member of the Association (see below for additional information).

### **The AFCCCE Scholarship**

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The goal of The AFCCCE Scholarship is to provide financial assistance to students who are undertaking a full-time undergraduate (Bachelor's) program at an accredited college or university with a major in engineering or science and related to the telecommunications field.

The AFCCCE Scholarship generally ranges from \$1,000 to \$2,500 per semester depending upon the qualifications of the candidate as well as the candidate's demonstrated interest in pursuing a career in the broadcast consulting engineering or related fields. Since 2006, AFCCCE has awarded on average over \$15,000 annually for The AFCCCE Scholarship.

### **The E. Noel Luddy Scholarship**

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In 2010, Dielectric Communications (now [SPX Communication Technology](http://www.spx.com)), a leader in broadcast antenna systems, established a scholarship honoring E. Noel Luddy. The award is to be administered by the AFCCCE scholarship fund. The E. Noel Luddy scholarship will provide up to \$2,500 per year to undergraduate and graduate students who are majoring in engineering or other fields associated with the broadcast and telecommunication industries.

Noel Luddy's deep and lifelong interest in broadcasting started in 1930 when he became active in amateur radio. He served in the military and was in charge of all communications throughout the South Pacific during World War II. Noel served for many years in several engineering capacities with RCA. In 1986, with Dielectric's acquisition of the RCA broadcast antenna business, he joined Dielectric as a consultant, serving as a liaison to broadcast station engineers, consulting engineers and the FCC, and providing a voice for the company in helping to shape federal broadcast regulations.

Noel remained as a consultant with Dielectric until his retirement in 2008. He is well known for his years of service on the AFCCE Board of Directors as program coordinator and was recognized numerous times for his contributions to the association and the broadcast industry. Additionally, he was the historian for the IEEE Broadcast Technology Society, of which he has been a member since 1939.

## **A b o u t   A F C C E**

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AFCCE was founded in 1948 as a professional association of communications engineers practicing before the FCC. Engineering for broadcast stations in the AM, FM and TV services, for microwave, cellular radio, PCS, paging systems, cable systems and for satellite facilities are some of the areas in which AFCCE members offer their professional services. Associate membership is offered to technical personnel and to other professionals sharing an interest in the technical aspects of communications.

The purpose of the Association is to aid and promote the proper federal administration and regulation of those engineering and technical phases of communications which are regulated by the FCC, to uphold the honor and dignity of engineers before the FCC, and to provide for the mutual improvement and social intercourse of the members of the Association.

In its primary function, the AFCCE monitors the technical policy of the FCC to ensure that the agency's regulations coincide as closely as possible with sound engineering principles.

## **O b t a i n i n g   a n   A F C C E   s p o n s o r**

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An AFCCE sponsor is a member or associate member who either knows the scholarship applicant already or, through the application process, has been approached by a student who otherwise meets the scholarship requirements and is interested in applying. Scholarship applicants who did not receive an application directly from an AFCCE member should consult the AFCCE member list, online at [www.afcce.org/Members.htm](http://www.afcce.org/Members.htm).

### **A p p l i c a t i o n   C h e c k l i s t**

- Fill out** application
- Obtain** AFCCE sponsor
- Scan** application and transcript (including classes for semester being applied for)
- Email** to: [scholarships@afcce.org](mailto:scholarships@afcce.org)



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## SCHOLARSHIP APPLICATION

*Please scan and email this completed application with transcript (including expected courses for semester being applied for) to:*

**scholarships@afcce.org**

### General information – applicants must:

- Be enrolled as full-time (at least 12 credit hours) undergraduate students in an accredited 4-year institution
- E. Noel Luddy Scholarship applications also accepted from graduate students enrolled in an accredited Masters or PhD degree engineering program
- Have at least junior standing for semester being applied for (undergraduates only)
- Be majoring in a subject related to the radio communications consulting engineering field
- Obtain an AFCCE “sponsor” who is a member or associate member of the association (see pg. 2)

SEMESTER BEING APPLIED FOR (CHECK ONE):		YEAR	
<input type="checkbox"/> SPRING <input type="checkbox"/> FALL			
LAST NAME		FIRST NAME	M.I.
			SOCIAL SECURITY NO.
NUMBER/STREET ADDRESS		CITY	STATE
			ZIP CODE
EMAIL ADDRESS			
HOME PHONE	SCHOOL PHONE	DATE OF BIRTH (MM/DD/YYYY)	SEX:
			<input type="checkbox"/> MALE <input type="checkbox"/> FEMALE
CITIZENSHIP:			
<input type="checkbox"/> USA <input type="checkbox"/> OTHER (INDICATE):			

SCHOOL NAME		SCHOOL PHONE	
SCHOOL STREET ADDRESS		CITY	STATE
			ZIP CODE
EXPECTED DEGREE (STATE MAJOR):		EXPECTED GRAD. DATE	CURRENT GPA
BACHELOR'S DEGREE (GRADUATE STUDENTS ONLY - SCHOOL AND MAJOR):			DATE OF BACHELOR'S DEGREE:

### EXTRACURRICULAR ACTIVITIES

List on/off campus extracurricular activities, including any position held, such as President, Secretary, etc. Submit additional sheet if necessary, using this format.

MM/YY to MM/YY	DESCRIPTION OF ACTIVITY

**WORK EXPERIENCE**

List employment during school and breaks, or since obtaining bachelor's degree (graduate students only). Submit additional sheet if necessary, using this format.

MM/YY to MM/YY	EMPLOYER (NAME, LOCATION)	DESCRIPTION OF ACTIVITY

**HONORS AND SCHOLARSHIPS**

May or may not be academic-related. Submit additional sheet if necessary, using this format.

Month/Year	SPONSOR (NAME, LOCATION)	DESCRIPTION (\$ AMOUNT, IF APPLICABLE)

**FINANCIAL INFORMATION**

How do you plan to finance your education and living expenses for semester being applied for?

ITEM	ESTIMATED COST*	LOANS	FAMILY SUPPORT	GRANTS and SCHOLARSHIPS	OTHER
TUITION and FEES	\$	\$	\$	\$	\$
BOOKS and SUPPLIES	\$	\$	\$	\$	\$
LIVING EXPENSES	\$	\$	\$	\$	\$

\*Please specify costs **PER SEMESTER**. Living expenses include room/board & meals only

Please complete if you are working more than 20 hours per week:

EMPLOYER	CITY, STATE	ANNUAL SALARY \$
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**PERSONAL STATEMENT**

Please attach a 200- to 500- word statement describing your career goals, areas of strong interest, and how you anticipate either working as or in collaboration with radio communications consulting (including broadcast and wireless telecom) engineers.

**SIGNATURE AND AFCCE SPONSOR NAME**

Applicants must obtain a sponsor who is an AFCCE member or associate member. A list of members is available online at [www.afcce.org/Members.htm](http://www.afcce.org/Members.htm).

APPLICANT SIGNATURE	DATE
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**AFCCE SPONSOR**

MEMBER OR ASSOCIATE MEMBER NAME
EMAIL ADDRESS