

THE HAROLD F. MATHIS MEMORIAL SCHOLARSHIP COMPETITION

DESCRIPTION: The Harold F. Mathis Memorial Scholarship is awarded annually to students in Electrical and Computer Engineering who have completed their sophomore year. Preference is given to outstanding students majoring in the energy/power area (i.e., electric power systems, electric machines, power electronics and high voltage engineering). The scholarship winners will be chosen primarily for academic merit.

BACKGROUND: Dr. Harold F. Mathis was a Professor of Electrical Engineering at OSU between 1960 and 1984, until his retirement. He passed away in 1985. Prof. Mathis taught primarily electric machines related courses. He had two Ph.D. degrees, one in Electrical Engineering (Northwestern U., 1953), and the other in Education (Case Western, 1961). He had industrial experience, and authored over 50 publications. He also had a very good sense of humor, and was liked by everybody.

The Scholarship in memory of Prof. Mathis was established in 1986 with a gift to OSU from his wife Dr. Lois Mathis (Ph.D., Education, OSU, 1965), who is now deceased, his son, Dr. Robert F. Mathis (Ph.D., Mathematics, OSU, 1969), and his daughter, Dr. Betty Mathis Sproule (Ph.D., Computer and Information Science, OSU, 1972).

ELIGIBILITY:

- Good overall and EE grade point averages
- Interest in the energy/power area (i.e., electric power systems, electric machines, power electronics, and high voltage engineering).
- Commitment to take courses in the energy/power area while the scholarship is received
- Preferably junior standing, i.e., minimum 3 more quarters until graduation
- EE 341 has been taken (or it is taken now)
- U.S. citizenship or permanent residency
- Research participation is optional, not mandatory.

APPLICATION PROCEDURE: Applications for the Scholarship should be forwarded to Prof. Donald G. Kasten. The applications should be left in Prof. Kasten's mailbox in 205 Dreese Lab.

The application should include the following:

1. A cover page, with the name of the applicant, date, and "MATHIS SCHOLARSHIP"
2. A brief narrative biography, including the applicant's academic achievements and background -- max. one page.
3. Description of interest in the energy/power area -- max. one page.
4. A completed form -- the form is the next page; please print it, fill it out, and submit it.

APPLICATION DEADLINE: Completed applications should be submitted to Prof. Kasten (207 CL) by Wednesday, April 18, 2007. Scholarship recipients will be announced soon after the deadline.

SCHOLARSHIP AMOUNT: Recently the scholarship amounts have been around \$1000; the exact amount will be a function of whether a single or multiple scholarships are awarded. The scholarship(s) will be awarded in three installments during the following academic year, by reducing the fees for each quarter to be paid.

APPLICATION FORM
HAROLD F. MATHIS SCHOLARSHIP COMPETITION
(Please print)

NAME: _____

ADDRESS IN COLUMBUS: _____

PHONE NUMBER: _____ E-MAIL: _____

ACADEMIC STANDING: _____ Junior _____ Senior

QUARTERS TO GRADUATION (NOT counting this quarter and
the coming Summer Quarter): _____

GPA: Overall: _____ ECE: _____

U.S. CITIZENSHIP: _____ Yes _____ No

U.S. PERMANENT RESIDENCY: _____ Yes _____ No

**INTEREST IN THE ENERGY/POWER AREA (electric power systems, electric machines,
power electronics, high voltage engineering):**

1. Energy/power area courses already taken (course number, quarter, grade):

2. Energy/power area courses taken this quarter:

3. Energy/power area courses intended to be taken during the next academic year (course number,
quarter):

4. Individual study topics and name of professor supervising it:

5. Industrial experience:

6. Contact with energy/power area faculty (Professors Kasten, Keyhani, and Xu):