

APPLICATION PROCEDURES

Participants are granted admission via an application process. Scholarships are funded by the Department of Transportation, Division of Aeronautics, to Middle Tennessee teachers k-12 through Middle Tennessee State University.

The scholarship includes FREE: 4 hours of graduate credit, tuition, books, classroom materials, flying time, field trip transportation, and a stipend to help defray other expenses. Three additional hours may be obtained at participant's expense by registering for SPSE 6430 which meets at noon.

The primary goal of the workshop is to acquaint Middle Tennessee teachers K-12 with the ramifications of air transportation as the dominant form of transportation in this country and its impact on society as a whole. The goal of the educators is the integration of aerospace into existing curricula. The course's interdisciplinary approach makes it instructionally valuable regardless of subject area.

Contributions in research and development by NASA and other agencies are included in the curriculum.

BENEFITS OF WORKSHOP(S)

Four hours of graduate credit FREE (value over \$1200).

Field trips are usually accommodated through the cooperation of the Tennessee Air National Guard aboard a C-130 military aircraft. The Smithsonian Air & Space Museum, Cape Kennedy, Pensacola Naval Museum, Johnson Space Flight Center, and Wright-Patterson Air Force Museum are destinations visited in past years.

Day field trips to local airports, Alabama Space & Rocket Ctr., Arnold Engineering Development Ctr., Tennessee Aviation Museum, etc.

FREE introductory flight lesson in one of MTSU's training planes.

Nationally recognized experts in aviation and space appear as speakers. These speakers are astronauts, test pilots, research engineers, airline personnel, Federal Aviation Administration (FAA), Civil Air Patrol (CAP), military leaders, astronomers, etc.

FREE aerospace curriculum materials, activities, and guides.

WHO Educators K-12, administrators & supervisors, counselors, Special Education Educators (Slots available for 50 basic participants)

WHEN June 11-29, 2007 (8 to 3 daily) Basic & Advanced

WHERE MTSU's Aerospace Department

HOW Complete the application process

WHY To expand one's educational horizon, free materials, introductory flight lesson, field trips, and just to have FUN!



Request for Workshop Application Basic & Advanced

(also available at <http://aerospace.web.mtsu.edu/workshops.htm>)

First Name Middle Initial Last Name

Address Apt. #

City State ZIP

E-mail Address

Date of Birth

Home Phone

**Return to:*

Middle Tennessee State University
Aerospace Education Workshop
P.O. Box 95
Murfreesboro, TN 37132



MIDDLE TENNESSEE STATE UNIVERSITY

Graduate Workshop(s) in

Aerospace Education

June 11-29, 2007



Airlift for Field Trip

Workshop(s) Sponsored by
Tennessee Department of Transportation
Division of Aeronautics

Murfreesboro, Tennessee



**Free
Introductory
Flight**

COURSES IN THE AEROSPACE EDUCATION WORKSHOPS

BASIC:

- *AERO 6100 Aviation Workshop
- *YOED 6100 Aviation Workshop
- SPSE 6430 Introduction to Curriculum Development
- **AERO 6540 Problems in Aerospace Education
- **YOED 6540 Problems in Aerospace Education
- **YOED 6520 Studies in Education Curriculum

*Can be filed for credit with either Aerospace or Education

**Requires permission of advisor

ADVANCED:

- *AERO 6700 Advanced Aviation Workshop
- *YOED 6700 Advanced Aviation Workshop

*Can be filed for credit with either Aerospace or Education

APPLICABLE CREDITS

Workshop(s) can count for 4 to 7 hours credit in the following program of studies:

- | | |
|--------------|---|
| Masters: | Aerospace Education |
| | *Curriculum & Instruction (as elective) |
| Education | |
| Specialists: | *Curriculum & Instruction (as elective) |

*Requires permission of advisor

Credits earned can also be used for:

- Plus 30
- Renewal of Teaching License

APPLICATION FOR ADMISSION

Application for admission to graduate study may be obtained from the

Graduate Office

Middle Tennessee State University
Cope Administration Building 144
Murfreesboro, TN 37132
or by calling (615) 898-2840

APPLICATION FOR ADMISSION TO AEROSPACE EDUCATION WORKSHOP(S)

For more information on the graduate program &/or an application to Basic or Advanced Workshops, E-mail Phyl Taylor at petaylor@mtsu.edu; view homepage at <http://aerospace.web.mtsu.edu/workshops.htm>; contact the Aerospace Department at (615) 898-2788; FAX (615) 904-8273 or return the request on back of brochure.

HISTORY OF AEROSPACE EDUCATION WORKSHOP(S)

This aerospace workshop is the nation's oldest continuous aerospace education workshop. Beginning in 1958 on MTSU's campus, opportunities have been provided to expand Tennessee educators' knowledge base in the field of transportation. In 1961, an advanced workshop was included in addition to the basic workshop. Other Tennessee workshops are located at the University of Tennessee, East Tennessee State University, & the University of Memphis. Advanced workshops occur every other year.



CMDR Robert "Hoot" Gibson

MASTER OF EDUCATION IN AEROSPACE EDUCATION

Students in the M.Ed. Program may select either an aerospace or an education option. Both options consist of a ten-hour core. Both are designed to serve applicants interested in education or training programs and administration in either school or non-school environments.

Master of Education Requirements

Graduate faculty members in the Aerospace Department and one graduate faculty member from the College of Education provide advisement for the degree. Complete course requirements for the two options are listed in the *Graduate Catalog*.



Participant Activities

The candidate must also

1. Hold a bachelor's degree from an accredited institution;
2. Complete 34 semester hours with no more than 30 percent of the total degree hours listed as undergraduate/graduate hours. (Students should refer to the appropriate option for specific requirements);
3. Be admitted by the Aerospace Department's Graduate Program Committee;
4. File a Candidacy Form with the Graduate Office prior to the completion of 24 credit hours;
5. Successfully complete a written comprehensive examination (may be taken no more than twice).



**NASA Representative
Will Robertson**