BENEFITS
The scholarship includes FREE: 3 hours of graduate credit, tuition (value over $2000), textbook, classroom materials & curriculum guides, introductory flight lesson, 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. AERO/YOED 6540 Topics in Aerospace Education and SPSE 6520 Studies in Education Curriculum are also available for extra credit hours.

Field trips are to destinations such as Smithsonian Air & Space Museum, Cape Kennedy, the Air Force Academy, Johnson Space Flight Center, Air Force Museum, and Naval Air Museum.

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

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

PRIMARY GOAL
The primary goal of the course(s) is to familiarize 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. In return, the goal of the educators is to integrate aerospace into existing curricula. The interdisciplinary approach makes it instructionally valuable regardless of subject area or grade level. Aerospace subject matter is aligned to STEM standards across the curriculum.

WHO Educators K-12 (all areas), administrators & supervisors, Counselors, Special Education Educators

WHEN June 13–July 1, 2016 (8 to 3 daily) Basic & Advanced

WHERE MTSU’s Aerospace Department

HOW Complete application process to aerospace education course & Graduate Studies Program

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

Sponsored by
Tennessee Department of Transportation
Division of Aeronautics

Kim Woods, Teacher

Delta Darts

RADM Taylor

F-16

Air Force Museum, Dayton

June 13–July 1, 2016

Graduate Courses in Aerospace Education

With CCSS and STEM

MIDDLE TENNESSEE STATE UNIVERSITY
ADMISSION TO GRADUATE STUDIES PROGRAM (Required)
Application for admission or re-admission to graduate studies may be obtained from the:
College of Graduate Studies
Online at mtsu.edu/graduate
Call (615) 898-2840 if you have any questions regarding the graduate school application process

ADMISSION TO AEROSPACE EDUCATION COURSES (Required)
Participants are granted admission via an application process. Scholarships are funded by the Department of Transportation, Division of Aeronautics, to Tennessee Teachers K-12 through MTSU.

For more information regarding the workshop, email Phyl Taylor at phyl.taylor@mtsu.edu. Applications can be obtained by visiting our webpage - http://mtsu.edu/aerospace/workshops.php.

Contact the Aerospace Department:
(615) 898-2788/FAX (615) 904-8273
MTSU Box 67, Murfreesboro, TN 37132

COURSES IN AEROSPACE EDUCATION

BASIC:
*AERO 6100 Aviation Education
*YOED 6100 Aviation Education
SPSE 6430 Intro to Curriculum Development
**AERO 6540 Topics in Aerospace Education
**YOED 6540 Topics in Aerospace Education
**SPSE 6520 Studies in Education Curriculum

ADVANCED:
*AERO 6700 Advanced Aviation Education
*YOED 6700 Advanced Aviation Education
SPSE 6430 Intro to Curriculum Development
**AERO 6540 Topics in Aerospace Education
**YOED 6540 Topics in Aerospace Education
**SPSE 6520 Studies in Education Curriculum

APPLICABLE CREDITS
Courses can count for 3 to 6 hours credit in the following program of studies:

Masters: Aviation Administration (Aviation Education Concentration)
**Curriculum & Instruction (elective)

Education Specialists: **Curriculum & Instruction (elective)

Credits earned can also be used for:
Plus 30
Renewal of Teaching License

*Aero 6100 can be filed for credit with Aerospace or Education
**Requires permission of advisor

WORKSHOP HISTORY
The MTSU aerospace workshops are the nation’s oldest continuous aerospace education courses. The Basic course began in 1958 on MTSU’s campus and has provided opportunities to expand Tennessee educators’ knowledge base in the field of transportation. In 1961, an advanced aerospace education workshop was added. The University of Tennessee also hosts an annual aerospace education course.

Participants interested in pursuing a MS degree in Aviation Administration should contact Dr. Wendy Beckman at wendy.beckman@mtsu.edu.