



Alcorn
State University



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2024 Mississippi Summer Transportation Institute Summer Camp
“Rising High School Freshmen, Sophomores, and Juniors”

Alcorn State University is collaborating with the Mississippi Department of Transportation (MDOT) and Federal Highway Administration (FHWA) to offer the 2024 Mississippi Summer Transportation Institute (MSTI) Summer Camp. During this 2-week residential summer camp, participants will receive enrichment courses and labs in Science, Technology, Engineering and Mathematics (STEM), as well as Job and Life Skills peer mentoring. MSTI will offer the opportunity to explore career choices available in transportation and engage in a wide range of activities that are both educational and enjoyable.

Camp Dates-Sunday, June 9, 2024-Saturday, June 22, 2024

MSTI Objectives:

- ❖ To foster the use of the team approach to problem solving, develop communications skills, utilize technology and STEM-based skills required into today’s workforce.
- ❖ To introduce the modes of transportation: land, sea, air, and water transportation. Focusing on related industries, government facilities, and transportation providers to expose students to applications of STEM knowledge.
- ❖ To explore various careers in the transportation arena and correlate the workforce as it relates to America’s competitive edge in STEM fields.
- ❖ To engage in leadership training sessions focusing on networking and developing leadership skills and enhancing.
- ❖ Provide activities to enlighten, build critical thinking skills, and introduce students to aspects of college life.

Student must meet the qualifications listed below:

- ❖ Be a rising Freshman, Sophomore or Junior for the upcoming school year (2024-2025).
- ❖ Submit a completed MSTI Application.
- ❖ Copy or photo of last Report Card (2023-2024 School Year).
- ❖ Applicants must have a minimum Grade Point Average of 2.5 on a 4.0 scale.
- ❖ **Essay:** (A minimum of 100 words typed double spaced explaining your interest in the Mississippi Summer Transportation Institute Program and the field of transportation as a possible career. Essay can be uploaded or emailed to asumsti@alcorn.edu).
- ❖ One Letter of Recommendation (must be from a teacher, school administrator or counselor). Letter of Recommendation can be uploaded or emailed to asumsti@alcorn.edu

MSTI

Alcorn State University
1000 ASU Drive #1140
Lorman, MS 39096

Phone: (601)877-6146 or **Fax:** (601)877-6256

Email: asumsti@alcorn.edu

Deadline to Submit Completed Applications: Friday, May 24, 2024



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APPLICATION

Student Name: _____ Date of Birth _____

Parent or Guardian: _____

Home Address: _____
Street City State Zip

Phone (Home or Cell): _____

Email Address: _____

Name of High School: _____ City: _____

My area of interest right now is:

- | | | |
|--------------------------------------|---|---|
| <input type="checkbox"/> Mathematics | <input type="checkbox"/> Computer Science | <input type="checkbox"/> Physical Education |
| <input type="checkbox"/> Science | <input type="checkbox"/> English | <input type="checkbox"/> Agriculture |
| <input type="checkbox"/> Engineering | <input type="checkbox"/> History | <input type="checkbox"/> Construction |
| | | <input type="checkbox"/> Transportation |

Gender: Male Female

T-shirt Size: Small Medium Large X-Large XX-Large XXX-Large

Commitment of Student to Institute: I agree to participate in the ASU/MSTI. I understand that this agreement is binding upon notification of my acceptance.

Date

Signature

I give my scholar permission to attend the ASU/MSTI 2-week Residential Summer Camp.

Date

Parent or Guardian Signature



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Tentative Schedule

Sunday, June 9, 2024	1:00 p.m.	Move-in & Parent/Student Orientation
Monday, June 10-June 21, 2024	Daily	Summer Camp Activities and Educational Tours
Saturday, June 22, 2024	10:00 a.m.	Program Finale & Move-Out

Time of Day	Subject	Activity
BREAKFAST		
9:00-10:30	Applied Science/Technology	Review of previous day’s activities, orient the students for the activities scheduled for the day ahead, and proceed to the instructional area relevant for the day’s activities
11:00-12:30	Mathematics	Theme introduction, overview of the topic’s significance to transportation, presentation of the mathematical tools; Break, organize competition teams, and introduce the team competition (experimental design) project
LUNCH		
1:30-2:30	Chemistry/Chemistry Lab	Present tools, materials, and approaches needed to undertake and resolve the experimental design problem
2:45-3:30	Peer Presentations	Presentation of team solutions, evaluation, and scoring
3:30-5:00	Group Activity- Life Skills Sessions Zoom/Google Meets	Team problem solving exercise Break and preparation for presentation of team solutions



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RULES

1. The MSTI staff expects participants to display courtesy and professional behavior toward their peers, faculty, and staff at all times.
2. Immoral actions will not be tolerated. Immoral actions include verbal use of Profanity.
3. All the lessons, tutorials, and activities will be recorded so that the university and MDOT personnel can monitor program logistics.
4. Participants must attend all classes promptly and regularly. Participants are allowed up to **two** absentees for the duration of the camp. Only excused absences from the Project Director will be accepted. Participants must report to the Project Director to be excused from classes (seminars/labs).
5. Participants must attend all scheduled instructional sessions, workshops, planned labs and Life Skills activities.
6. Participants must be properly dressed at all times. No student will wear overly exposing clothing to any sessions.
7. Participants are not allowed to bring transportation or ATV's on campus.

Please sign below to agree with all camp rules as listed above:

Date

Participant Signature

Date

Parent or Guardian Signature



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Video & Photograph Release Form

Participant's Name: _____

I hereby grant written permission to the Alcorn State University's 2024 Mississippi Summer Transportation Institute Summer Camp to use my videotapes and/or photographs for brochures, press releases or other recruitment materials without prior inspection on my part.

All videos and photos taken are without compensation to me (the undersigned) and all prints and tapings are owned by Mississippi Summer Transportation Institute Program.

Mississippi Summer Transportation Institute Program reserves the right to discontinue the use of photos without notice to the participant.

Collect & Use Data Release Form

Participant's Name: _____

I grant written permission to the Alcorn State University's 2024 Mississippi Summer Transportation Institute Summer Camp to use the information provided on my profile for marketing, recruitment, program evaluation and data analysis purposes.

Signature (Participant)

Date

Signature (Parent/Guardian)

Date