



2019 UMES SUMMER TRANSPORTATION INSTITUTE

Information and Application Form

The purpose of the UMES Summer Transportation Institute is to create awareness and stimulate interest among middle school students on the Lower Eastern Shore of Maryland about the vast transportation careers available and provide them with the opportunities to explore the exciting field of the Transportation Industry. The students will undergo an integrated program in Mathematics, Science, Communication Skills/English and Recreation as well as activities in Land, Air and Water Transportation and be assigned field work projects and participate in regularly scheduled trips to local transportation related facilities. Other areas covered include Civil Rights and Environmental Stewardship. The Institute is for two (2) weeks from Monday, June 17th to Friday, June 28th 2019. Each participant will be provided lunch for the period and a Casio FX 9860 G II Scientific Calculator. Each student must make transportation arrangement to and from UMES. However, transportation will be provided for limited participants based on need. Students who need transportation should indicate it their application. The program will run from 8 am to 5 pm daily. **The Institute is at no cost to selected students**

Applicants must:

1. Be enrolled in middle school (Grades 7-8) in Worcester, Wicomico or Somerset County for the Fall 2018 semester.
2. Have a minimum cumulative grade point average of 2.0 on a 4.0 scale.
3. Have an expressed interest in engineering, science, transportation, or technology careers.
4. **Underserved, Female and First time applicants are encouraged to apply**
5. Applications must be typed or printed in ink.

Applications must be received on or before Friday, **May 31, 2019** along with a copy of the student's most recent transcript. Completed applications should be sent to:

Dr. Joseph O. Arumala, P.E., F. ASCE
Professor & Director
UMES Summer Transportation Institute
Department of Technology
11631 Art Shell Plaza
University of Maryland Eastern Shore
Princess Anne, MD 21853-1299
Phone: 410 651 6472
Email: joarumala@umes.edu

UMES SUMMER TRANSPORTATION INSTITUTE (UMES STI)

Program Objectives

Students participating in the program will perform craft and research activities, field trips, and participate in seminars that will expose the students to careers, academic programs, and personnel in the transportation industry. Each student will:

- Explore safety, innovative trends, and career opportunities that exist in transportation systems;
- Become knowledgeable of the federal, state, and local governing agencies of the transportation modes;
- Develop understanding of importance of positive attitudes about learning math and science and the opportunities for advance studies;
- Exposure to college campus and opportunity to meet faculty members and college students that are involved in academic programs that lead to transportation careers;
- Development of computer, professional, and communication skills needed for successful study.

Interested?

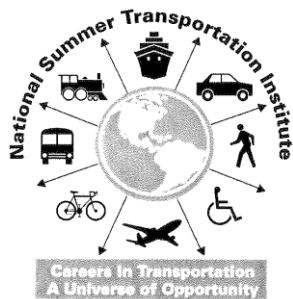
Students interested in participating in the UMES STI should:

- Contact their school guidance counselor or science and mathematics teachers, or the Program Director (information listed below) for applications;
- Discuss the Institute with your parents or guardians making sure that they support your decision; and
- Submit application materials and supportive documents on or before the deadline of **May 31, 2019** to:

Dr. Joseph O. Arumala, P.E., F. ASCE
Professor & Program Director
UMES Summer Transportation Institute
University of Maryland Eastern Shore
Department of Technology
11931 Art Shell Plaza
Princess Anne, Maryland 21853

Phone: (410) 651-6468

Email: joarumala@umes.edu



UMES SUMMER TRANSPORTATION INSTITUTE

(Please Print Clearly)

Name: _____ DOB: _____ Gender: _____

Address: _____

County: _____

School attending Fall 2018: _____

Parents/Guardians: _____

Address: (if different) _____

Telephone: (Home): _____ (Work): _____

Standardized Test Score: _____ Grade Point Average: _____

During the 2018-2019 School Year, I will be in the: (Check One)

6th Grade _____ 7th Grade _____ 8th Grade _____

List your math and science class (most recent)

Math: _____ Science: _____

Career Interest (Check One)

_____ Accounting	_____ Architecture	_____ Business
_____ Criminal Justice	_____ Computer Science	_____ Environment
_____ Law	_____ Marketing	_____ Scientific Research
_____ Engineering	_____ Technology	_____ Construction

The Federal Highway Administration (FHWA) requires every participant in the Program to indicate his or her ethnicity. Please check the appropriate box below.

ETHNICITY	
American Indian or Alaska Native	
Asian	
Black or African American	
Hispanic or Latino	
Native Hawaiian or Other Pacific Islander	
White	

Awards/Achievements/Organizations (Attach a list of awards, achievements, and organization memberships.) _____

Required Essay: Describe your career objective(s), your interest in transportation, and how the Summer Transportation Institute can assist you in reaching your goals. Your essay must be typed, double-spaced and should not be more than one (1) page.

Additional Information:

Please enclose at least one letter of recommendation from your Science Teacher and your academic transcript. Application will not be processed with incomplete information.

NEED TRANSPORTATION FROM SALISBURY: YES _____ NO _____ (check one)

Signature & Date (Parent)

Signature & Date (Student)

Submit completed Application to:

**Dr. Joseph O. Arumala, P.E., F. ASCE
Professor & Program Director
UMES Summer Transportation Institute
University of Maryland Eastern Shore
Department of Technology
11931 Art Shell Plaza
Princess Anne, MD 21853**