

EAST HIGH SCHOOL (9-12)

COLLEGE PREPARATORY / T-STEM

Our NEW, one-of-a-kind T-STEM Optional program at East High is a pipeline to cutting-edge careers in high demand!



Fueled by prominent business, university and community partners, we offer world class STEM instruction along with exciting internships and experiences in Memphis' globally renowned tech-driven transportation industry.

Points of Pride

- Newly renovated, state-of-the-art STEM facility with advanced technology to support rigorous learning

Our industry partners help design curriculum, learning projects, internships and other college and career experiences:

- University of Memphis
- FedEx
- West Tennessee STEM Hub
- Cummins
- City of Memphis
- Southeast Transportation Workforce Center
- AutoZone
- Organization of Black Aerospace Professionals
- Workforce Investment Network
- Institute of Transportation Engineers

Academics

- Unique course offerings include AP, Honors, STEM Virtual and Dual Enrollment options for all students 9-12.
- All incoming students are enrolled in at least one CCTE course.
- Juniors and Seniors with a 19+ACT composite may take Dual Enrollment classes on the campus at U of M including Biology I and II, College Algebra, Calculus, US History I and II.
- The FedEx Flight Academy simulator lab helps prepare students to earn a private pilot's license for free.
- All classes are taught in an interactive, block-scheduling environment.
- During the Genius Hour, students develop and create passion projects about topics that interest them most.

Activities

- Peer Power tutoring and mentoring is facilitated by area college students and offered to all students.
- Monthly CEO Speaker Series features prominent regional executives.
- Three Mustang athletic teams advanced to State Championships this past school year: Volleyball, Boys Basketball and Track and Field!
- For the second time in three years the Lady Mustang soccer team finished the regular season ranked 2nd in the city for A/AA.
- Job shadowing and unique internships are offered through our partnerships.
- Clubs include robotics, drone racing, student government and Technology Student Assistance (TSA).

COME SEE WHAT WE HAVE TO OFFER!



www.memphiststemacademy.org

(901) 416-6200 | 3225 WALNUT GROVE RD., MEMPHIS, TN 38111



With 17 sites in 11 countries, Cummins has chosen East High T-STEM Academy as its 1st site in North America to offer the Technical Education for Communities (TEC) Program



Cummins Technical Education for Communities (TEC) program's primary role is to help East HS develop a program that awards certificates recognized by governments, markets or trade groups to strengthen the Memphis workforce community.

Points of Pride

- Integral to TEC's implementation and success at East HS are coalitions of industry partners, which work together with education partners, including the University of Memphis, Southwest Tennessee Community College and the Tennessee College of Applied Technology, and industries to provide East HS students with the needed workplace experiences.
- The Technical Education for Communities (TEC) program is a global initiative that targets the technical skills gap through partnerships with education programs.
- TEC delivers a standardized education program and set of tools to help East High School work with its industry and education partners to develop market-relevant curriculum, teacher training, career guidance and the practical experience needed by students.

Academics

We believe that TEC's Five-Element Framework will help East HS fill the gaps in current technical offerings to students through these five elements:

- **Market-Relevant Skills-** Students are prepared for what the Memphis work force needs.
- **Quality Curriculum-** Students receive lessons and training for Memphis relevant occupations.
- **Effective Teachers-** Teachers learn the technical and practical use of equipment and tools.
- **Career Guidance-** Help for students to identify the right career.
- **Workplace Learning-** Hands-on training internships through industry partnerships.

Activities

- Diesel industry partners provide quality, hands-on experiences and equipment.
- Training on interpersonal communications and problem solving
- Workplace learning such as internships, apprenticeships and job shadowing
- Training for East teachers on new technology
- Partnerships that commit resources to East HS and its students

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T-STEM DIESEL TECHNOLOGY

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EAST HIGH SCHOOL (9-12)

2020-21 ENTRANCE REQUIREMENTS

T-STEM Grade 9 applicants only

Applicants to the program must:

- Score at or above the 50th percentile on the FastBridge aReading and aMath assessments; score at or above the 50th percentile on the TCAP TNReady English Language Arts and the TCAP TNReady Mathematics assessments; score at or above the 50th percentile on the NWEA MAP Growth Reading and NWEA MAP Growth Mathematics assessments (including MAP Growth Math 6+, Algebra I, Algebra II, or Geometry), a TCAP English and Mathematics End of Course test and/or another acceptable nationally normed achievement assessment, including the ACT (Reading and Math), PSAT or SAT (Evidence-Based Reading and Writing and Mathematics) with the assessment being administered no more than one year prior to the date of application for Optional Schools.
- Submit a copy of the most recent comprehensive report card showing a 3.0 GPA with no grade below a C for the semester average in any subject.
- Have satisfactory or above conduct and attendance, with no more than 15 absences and/or tardies/early dismissals to school or to class.
- Students and parents are required to sign a Parent/Student agreement. An interview will be scheduled for students who meet the minimum requirements.
- Preference will be given to qualified students who live within two miles of the school for 50 percent of the available slots for the first 10 working days of the Optional Application process. The remaining slots will be open to students who qualify.
- To remain in the Optional Program, students must maintain a semester average of C or above in each subject and maintain the entrance requirements for conduct and attendance.
- Final approval is contingent upon review of student's second-semester/final report card issued by June 1, 2020.

**** Students who maintain the renewal requirements for Maxine Smith STEAM Academy will be accepted into the STEM Academy at East High School on a continuation basis.**



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EAST HIGH SCHOOL (9-12)

2020-21 ENTRANCE REQUIREMENTS

Diesel Technology Grades 9 and 10

Applicants to the program must:

- Have a comprehensive report card with a 2.0 GPA with no D's or F's as a semester average in any subject.
- Have satisfactory or above conduct and attendance, with no more than 15 absences and/or tardies/early dismissals to school and to class.
- Students and parents/guardians are required to sign a Parent/Student Agreement.
- An interview will be scheduled for students who meet the minimum requirements.
- Preference will be given to qualified students who live within two miles of the school for 50 percent of the available slots for the first 10 working days of the Optional Application process. The remaining slots will be open to students who qualify.
- To remain in the Optional Program, students must maintain the entrance requirements for grades, conduct and attendance and take the required courses.
- Transportation is the responsibility of the student's parents/legal guardians.
- Final approval is contingent upon review of student's second-semester/final report card issued by June 1, 2020.

**** Students who maintain the renewal requirements for Maxine Smith STEAM Academy will be accepted into the STEM Academy at East High School on a continuation basis.**



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