

# *Lewis Cass Technical High School*

*Lisa Phillips, Principal*

## *Profile 2013-14*

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***Our Mission:*** will provide a broad range of academic, social and cultural experiences in a clean, safe and healthy environment that will prepare our students to be successful in college and become leaders in a global society.

***Our Vision:*** is to nurture creativity and to develop perceptive, high-achieving students with an exceptional level of intellectual curiosity and a love for learning; and who can adjust to the expectations and rigors of college and life beyond high school.

***Our Goals:*** 1) Student Achievement; 2) Safe School Environment; 3) Effective/Efficient Management; 4) Parent/Community Involvement

Total Enrollment: 2,359

Grades: 9 through 12

Faculty and Staff: 119

Size of Senior Class: 505

Ethnic Composition:

88% African American 12% Others

Over 60 Student Clubs and Organizations

### ***Notable Accomplishments:***

- Michigan Department of Education (MDE) Reward School-Ranked in the top 5% of all high schools in the state of Michigan
- International Baccalaureate Candidate School
- 2-Time Recipient of National Excellence in Education Awards
- Wayne County Community College Dual Enrollment Program (Largest in DPS School)
- CIA Undergraduate School Program
- Largest Advanced Placement Course Offerings; Only Quantitative & Qualitative Analysis Courses in DPS
- Cited by U.S. News and World Report as an Outstanding School
- University of Michigan Collaboration Doctors of Tomorrow Program
- STEM Genius Program
- Marching Band Inauguration Invitation Inaugural Activities
- 5-Time Recipient of the Best High School by the Ford Neighborhood Awards
- Marching Band invitation to the Chick-fil-A/Peach Bowl in Atlanta, Georgia

### ***Academic & Curriculum Awards:***

- 21 Gates Millennium Scholars in the last 6 Years
  - 8 Merit Finalists in last 6 Years
  - 13 Achievement Finalists in last 6 Years
  - 11 Consecutive Years of National Art Awards
  - 15 Consecutive Years of Grand Awards at Metro Science & Engineering Fair
  - First place winner for the Chrysler Automotive Design Contest for 2012-2013
  - 2-Time Recipient of Michigan's Governors Cup
  - Chosen as a Grammy Signature School
  - Two time U.S. Exemplary (Blue Ribbon) School
  - Twice voted America's Best High Schools by Redbook Magazine
  - Academic Games Individual National Winner for Equations/State Champions and Coach of the Year Winner
  - Academic Games
  - 2012 National Debate Championship
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### ***Faculty Accomplishments***

#### National Board Certified Teachers

Mrs. Eileen Akinfenwa	Mr. Donald Johnson
Mrs. Flonia Chillis	Ms. Enid Johnson
Mrs. Ranesa Reese	Dr. Richard James, Jr.
Dr. Cynthia Salhi	

#### Published Authors

Mrs. Dana Davidson  
 Dr. Richard James, Jr.  
 Dr. Deborah Spence

### ***Athletic Accomplishments***

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| <ul style="list-style-type: none"> <li>▪ Boys Golf City Championship 2012</li> <li>▪ 16 Consecutive Girls Tennis City Championships</li> <li>▪ 4 Consecutive Years of Softball District Championships</li> </ul> | <ul style="list-style-type: none"> <li>▪ 15 Consecutive Girls Volleyball District Championships</li> <li>▪ Girls Softball District Championship</li> <li>▪ Varsity Football 2011-2012 and 2012-2013 State Champions</li> </ul> |
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## **Curriculum Pathways & Graduation Requirements**

#### **Seven Schools of Choice in One Location**

*Arts & Communications  
 Business Management & Marketing  
 Engineering & Manufacturing  
 Health Sciences  
 Human Services  
 Natural Resources & Agricultural  
 Science  
 Science and Arts— Pathway Plus*

#### **Languages Other Than English**

*French    Chinese    Japanese  
                  Spanish*

#### **Advanced Placement & Honors Classes**

*Art History  
 Studio Art  
 English Literature  
 English Composition  
 Biology Chemistry Physics  
 Environmental Science  
 American History Government  
 Algebra Geometry  
 Calculus*

#### **Science Programs**

*Microbiology  
 Physiology & Anatomy  
 Qualitative Analysis  
 Organic Chemistry  
 Quantitative Analysis*

#### **Graduation Requirements**

*Graduation Requirements are decided by each curriculum; however, each requires a minimum of 230 hours or 23 units which include:*

- 4 units of English*
- 3 units of Social Studies*
- 2 units of Foreign Language*
- 1/2 unit of Personal Health*
- 1/2 unit of Physical Education*
- 1/2 unit of Computer Applications*
- 6 units of Curriculum Classes*
- 4 units of Mathematics*
- 3 units of Science*
- 1 unit Elective*
- 1 unit of Outside Classroom Learning Experience (OCLEX)*

### **Our Test Results and Recommendations**

As a Professional Learning Community to insure continuous improvement we conduct on-going data analysis to ascertain the areas in which we must provide additional assistance to strengthen academic skills. Our recommendation is that parents should take a major participatory role in monitoring the scholastic performance of their sons/daughters. Additionally, students should take advantage of the opportunities available for academic assistance.

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| <ul style="list-style-type: none"> <li>▪ Michigan Competitive Scholarship Awardees: 96</li> <li>▪ Average ACT (2012-2013) 19.6</li> <li>▪ Attendance Rate: 95%</li> <li>▪ College Bound: 97%</li> </ul> | <ul style="list-style-type: none"> <li>▪ Horatio Alger National Scholar</li> <li>▪ Scholarship Earnings for (2012-2013) senior class \$41,224,477.00</li> <li>▪ Graduation Rate: 99%</li> </ul> |
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