



SCHOOL PROFILE

duPont Manual High School

CEEB Code 181525

www.dupontmanual.com

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SCHOOL

duPont Manual High School first opened its doors in 1892 through the generous support of Victor duPont of the duPont Chemical Company. In 1984, Manual became a Magnet High School and was recognized as a National School of Excellence in 1991. Although Manual is housed in a traditional grand-Victorian building, its renovated interior reflects the school's modern technology and state-of-the-art, fully networked facilities. Manual is located adjacent to the J.B. Speed School of Engineering, the Brandeis School of Law, and the School of Music at the University of Louisville. Five highly selective magnet programs enroll approximately 1,900 gifted and talented students. Descriptions of these magnet programs and specialized facilities may be found on the back of this profile and on our website at www.dupontmanual.com

Students are selected to attend Manual via a selective admissions competitive process that evaluates achievement test scores, academic achievement, personal essays, teacher recommendations, visual art portfolios, and performing arts auditions. Only 25% of the freshman applicants are accepted.

STUDENT AND TEACHER POPULATION

Total Study Body (1890)

- Ethnicity of Student Population: White 67%; African-American 17%; Hispanic 3%; Asian/Pacific Islander 12%; and Other 1%.
- Student Gender: Male 41%, Female 59%
- 105-faculty (93.6% hold a Doctorate, Rank 1, or Masters degree; and average 15 years of teaching experience)
- 97% of seniors attend a 4-year college/university and 2% attend a 2-year institution

CURRICULUM

With 99% of Manual's graduates attending college, the rigorous college-preparatory curriculum provides students with the opportunity to achieve in all disciplines, with an emphasis on the magnet program in which each student is enrolled. The levels of our classes range from Honors, Advanced, and to the highest level of Advanced Placement. We offer the Advance Program, the most challenging high school program available in Jefferson County Public Schools. The Advance Program students are selected from the upper 3% of JCPS students. Students are selected for this program based on national test scores, academic achievement, and teacher recommendations. Students must maintain a 3.0 GPA and must be enrolled in three Advance Program classes each year for a total of 12 credits.

Grading Scale

Score	Standard Scale	College Scale
A	93 – 100%	90 – 100%
B	86 – 92%	80 – 89%
C	79 – 85%	70 – 79%
D	70 – 78%	60 – 69%
U	0 – 69%	0 – 59%

Grade	Standard Quality Point Value	Weighted Quality Point Value*
A	4.0	5.0
B	3.0	3.75
C	2.0	2.50
D	1.0	1.25
U	0	0

*Weighted grades and the college grading scale are utilized in Advanced Placement and Dual Credit courses only.
Class Rank: Effective October 10, 2000, the JCPS District no longer ranks students.

Graduation Requirements (Carnegie Units)

English	4
Health/Physical Education	1
Humanities	1
Mathematics	3
Science (Biology & Chemistry)	3
Social Studies (U.S. History & World History)	3
Electives	7
Total	22

ADVANCED PLACEMENT COURSES (27)

Art History	European History	Music Theory
Biology	French Language	Physics B
Calculus AB	Government & Politics:	Psychology
Calculus BC	Comparative	Spanish Language
Chemistry	Government & Politics: U.S.	Statistics
Computer Science A	Human Geography	Studio Art 2-D
English Language and Composition	Latin Language Vergil	Studio Art 3-D
English Literature and Composition	Macroeconomics	Studio Art Drawing
Environmental Science	Microeconomics	U.S. History
		World History

ACADEMIC ACHIEVEMENTS

ACT Composite 2012		SAT Scores	2010
Manual	26	Critical Reading	637
Kentucky	19.2	Mathematics	627
National	21.1	Writing	633

National Merit/Achievement Semifinalists

Year	# of Students	# of Graduates
2011-12	43	464
2010-11	45	461
2009-10	35	413
2008-09	43	481
2007-08	39	457

Advanced Placement Tests (2010-11)

Number of Tests Taken	1898
Students	1043
Score of 3 or Higher	82%
Score of 4 or Higher	56%
Score of 5	27%

OVERALL SCHOOL AWARDS

- U.S. Department of Education National School of Excellence
- Redbook Magazine's "America's Best Schools"
- Kentucky Flag of Excellence
- "Learning Tomorrow" Grant
- Alliant Health Systems Grant for Biotechnology
- National Institute of Health Collaborative Grant with the University of Louisville
- Artist in Residence Grants for Foreign Language and Art
- National Foundation for Improvement of Education Grant
- Apple Global Education Award
- Band Performances at Music For All Bands of America, National Adjudicators Grand Nationals
- Columbia Scholastic Press Association National Gold Crown
- Kentucky Environthon State Champions
- Kentucky Governor's Cup State Champions
- Kentucky World Language Association Festival State Champions in French
- Kentucky World Language Association Festival State Champions in Spanish
- KHSJA Best Overall Yearbook Award
- National Forensic League State Debate Champions
- National Scholastic Press Association National Pacemaker Finalist
- Orchestra Performances in Carnegie Hall, the Midwest Clinic, Music For All National Orchestra Festival America
- Grammy Signature School
- Certificate of Merit from Essentially Ellington Jazz Competition
- Quiz Bowl State Runner Up

- Science Olympiad State Champions
- World Quest National Champions
- International Computer Problem Solving Contest – 2nd Place
- National SuperQuest Computer Competition – Top 10
- SEIKO Environmental Competition – National Regional Finalist
- Kentucky Junior Science Humanities – Symposium Winner
- Kentucky Junior Academy of Science – 4 First Place Winners
- National Champion Cheerleaders
- American Invitational Math Exam – National Finalists
- Louisville, Regional, State, International Science Fair Overall Winners
- Scholastic National Senior Art Portfolio Scholarship – 1st Place
- Scholastic Art Hallmark Awards
- All-State Art Award Winners
- National Art and Science Award Winner
- Beta Club Conference Champions
- Jefferson County Academic Tournament Champions
- Derby Festival Academic Challenge Champions
- Gulf Coast Academic Invitational Tournament Champions
- U.S.A. Today’s High School All Academic Team – First Team
- State Debate Champions – Individual Champion
- General Electric’s Quality Circle Award for Future Problem Solving – 1st Place Providian
- National Teen Jeopardy Champion
- Tomorrow’s Playwrights Contest – 1st and 3rd Place
- National Robotics Champions
- Repeat Winner Speed Scientific School Computer Programming Winner
- JCPS Jim Dillman award for School Technology
- Intel Science Talent Search Semifinalist School
- Kentucky State School of Character Honorable Mention
- Mayor’s Top Apple School of Excellence
- National PTA Parental Involvement School of Excellence
- And Many, Many More!!!!

FACULTY AND STAFF HONORS AND AWARDS

- Siemens Award Winning Teacher
- National Board Certified Teachers (6)
- National Board Certified Art Teachers
- Scholastic Art Portfolios Teacher Awards
- Ashland Oil Kentucky Teacher of the Year (6)
- Sallie Mae First-Year Teacher National Award
- WHAS ExCel Award Winning Teachers (14)
- Amgen Award for Science Teaching
- National Milken Family Foundation Educator Award
- Presidential Award for Excellence in Mathematics and Science Teaching
- GE STAR Teacher
- Russell Garth Principal Leadership Award
- JCPS Principal of the Year Award
- Jefferson County Counselor of the Year
- DAR Kentucky History Teacher of the Year
- Kentucky World Language Association Teacher of the Year
- Presidential Teacher Award
- National Biology, History, and Geography Teacher Awards
- Nationally Published Faculty
- Radio Shack National Teacher Award
- U.S. Holocaust Memorial Museum Teacher Fellow
- Kentucky History Teacher of the Year
- Kentucky Music Educators Association State Music Teacher of the Year (3)
- KMEA District 12 Music Teacher of the Year (5)
- State of Kentucky Most Outstanding Bandmaster Award
- Published Jazz Educator
- Bates Dance Festival Dance Educator Fellowships (2)

CLASS OF 2011 EXCELS!

- Awarded More Than 37 Million Dollars in Scholarships
- Highest Average ACT Scores in the State of Kentucky
- 26% of Senior Class Scored 30 or higher on the ACT
- 310 Kentucky Core Content Test (KCCT) Distinguished Scores
- 45 National Merit Semifinalists
- 27 Governor’s Scholars

- 33 Governor's School for the Arts Scholars
- 40 Recipients of the Commonwealth Diploma
- 91 Class Valedictorians with Weighted GPA's of 4.0 or Higher
- 67 Academic All-State Scholar Athletes
- 196 Honorable Mention Academic All-State Scholar Athletes
- 43 All-State Band, Orchestra, and Chorus Members
- 35 National Honor Society Members
- 57 National Beta Club Members
- 16 Tri-M National Music Honor Society Members
- 9 Thespian Society Members
- 1 Presidential Scholar
- 2 Robert C. Byrd Scholars
- 1 Jefferson Scholar
- 1 Danforth Scholar

COMMUNITY

duPont Manual High School is located in the heart of Louisville, Kentucky, the city that is home to the Kentucky Derby and known for its southern charm. Louisville is situated on the south side of the Ohio River and is a metropolitan area that offers its residents a choice of lush rural surroundings, eclectic urban neighborhoods or old world Victorian communities. Rich in history, the Louisville area offers both small town benefits and big city amenities, as well. World renowned medical facilities and corporate headquarters have attracted a diverse population to this industrial city creating one of the largest public school districts with approximately 100,000 students representing at least 95 different languages.



MAGNET PROGRAMS

Communications Media Arts

Communication Media Arts (CMA) offers challenging courses, radio and television studios, and editing suites. CMA provides realistic situations that enable students to gain a concrete understanding of techniques, practical skills, and studio/field experiences, while working with state-of-the-art equipment. Through computer laboratories, students also learn journalism techniques, graphic arts, desktop publishing, and computer graphics. Seniors may take classes through University of Louisville for college credit.

High School University

High School University (HSU) provides a rigorous liberal arts centered high school university experience which allow students to explore various disciplines beyond the core magnet requirements. Flexibility in the students' elective course provides students with the opportunity to attend University of Louisville classes. Additionally, students enroll in at least four Advanced Placement or Dual Credit Classes prior to graduation as well as a special humanities class with a culminating project. Freshmen also take a course that surveys the history and philosophy that developed the University Education while developing essential study skills necessary for contemporary American colleges. Students explore basic rhetoric, argumentation, and research in different forms of writing as well as expectations for "what it means to be educated."

Mathematics, Science, and Technology

Mathematics, Science, and Technology (MST) follows a research-based curriculum for gifted students. The biology, chemistry, and physics laboratories are computer-enhanced and contain specialized equipment that allows advanced studies in life sciences, biotechnology, microbiology, optics, modern physics, robotics, computer programming, electronics, and computer-assisted design. MST students complete college-level research, mentored by university scientists and engineers.

Visual Arts

Visual Arts (VA) is a unique program that provides artistically talented students with the opportunity to work in an exhibition gallery and nine professional equipped studio areas. Facilities for design, drawing/painting, computer graphics, ceramics/sculpture, textiles, photography, drafting, and printmaking provide an excellent and diverse environment for outstanding experiences and instruction. Students experience visiting artists, teacher mentoring, and community internships.

Youth Performing Arts School

As the most comprehensive performing arts high school in Kentucky, the faculty, staff, and administration of the Youth Performing Arts School (YPAS) have the distinct opportunity to train, educate, and nurture today's young talent to become tomorrow's artists. Students' success is founded on commitment and discipline applied to the artistic program, and success is enhanced by the school's rich diversity and understanding of the creative spirit. YPAS offers the following eight majors: Dance, Drama, Musical Theatre, Design and Production, Band, Orchestra, Piano, and Vocal Music. The heart of YPAS holds an 886-seat proscenium theater and a 150-seat experimental theater with state-of-the-art lighting and sound equipment.

COLLEGE PLACEMENT

In addition to all Kentucky postsecondary institutions, recent graduates have also chosen to attend the following colleges and universities:

American University	Hanover College	Stanford University
Amherst College	Harvard University	Stephens College
Art Institute of Chicago	Howard University	Sewanee: The University of the South
Auburn University	Illinois Institute of Technology	Syracuse University
Ball State University	Indiana University	Tufts University
Barnard College	Juilliard School of Music	Tulane University
Boston Conservatory	Johns Hopkins University	U.S. Air Force Academy
Boston University	Kenyon College	U.S. Naval Academy
Brandeis University	Knox College	U.S. Military Academy
Brigham Young University	Louisiana State University	University of the Arts
Brown University	Manhattan School of Music	University of California, Berkeley
Bucknell University	Maryland Institute of Art	University of California, Los Angeles
Butler University	Marymount Manhattan College	University of Chicago
Carleton College	Massachusetts Institute of Technology	University of Evansville
Carnegie Mellon University	McGill University	University of Illinois
Cincinnati Conservatory of Music	Memphis College of Art	University of Miami
Clemson University	Miami University of Ohio	University of Michigan
Cleveland Institute of Music	Minneapolis College of Art and Design	University of North Carolina
College of William and Mary	Morehouse College	University of Pennsylvania
College of Wooster	New England Conservatory of Music	University of Southern California
Columbia University	New York University	University of Texas
Cooper Union	North Carolina School for the Arts	University of Virginia
Cornell University	Northwestern University	University of Wisconsin
Dartmouth College	Oberlin Conservatory of Music	Vanderbilt University
Davidson College	Ohio State University	Vassar College
Denison University	Peabody Institute of Music	Villanova University
DePaul University	Pennsylvania State University	Wake Forest University
DePauw University	Point Park University	Washington & Lee University
Duke University	Princeton University	Washington University
Earlham College	Purdue University	Wellesley College
Eastman School of Music	Rensselaer Polytechnic Institute	Wesleyan University
Eckerd College	Rhodes College	Williams College
Elon University	Rice University	Wittenberg College
Emerson College	Rochester Institute of Technology	Xavier University
Emory University	Rose-Hulman Institute of Technology	Yale University
Fordham University	Rutgers University	
Furman University	Saint Louis University	
George Washington University	Samford University	
Georgia Institute of Technology	Savannah College of Art and Design	
Georgetown University	Smith College	
Guilford College	Spelman College	