

Jefferson County Public Schools
2017-2018 SCHOOL PROFILE



duPont Manual High School

CEEB Code 181525

www.dupontmanual.com

120 West Lee Street ■ Louisville, KY 40208 ■ (502) 485-8241 Phone ■ Counselors (502) 485-8503

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 soon recognized as a National School of Excellence. Manual is housed in a traditional grand-Victorian building. Manual is located adjacent to the University of Louisville in downtown Louisville, Kentucky. Five highly selective magnet programs enroll approximately 1,900 gifted and talented students from the Louisville Metropolitan area. Descriptions of these magnet programs and specialized facilities may be found on the back of this profile and on the website at www.dupontmanual.com

SELECTIVE ADMISSIONS

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 31% of the freshman applicants are accepted.

STUDENT AND TEACHER POPULATION

Total Student Body (1924)

- Ethnicity of Student Population: White 63%; African-American 13%; Hispanic 4%; Asian/Pacific Islander 16%; and Other 2%.
- 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 *Standard scale used prior to SY 2015-16 *Effective Fall 2016 Standard and College Scale are the same.

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%	Below 60

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 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	.5/.5
Humanities	1
Mathematics (*Senior year math required)	*3
Science (Biology & Chemistry)	3
Social Studies (U.S. History & World History)	3
Demonstrate Computer Proficiency	
Electives	7
Total	22

ADVANCED PLACEMENT COURSES (31)

Art History	European History	Physics 1
Biology	French Language	Physics 2
Calculus AB	Government & Politics: Comparative	Psychology
Calculus BC	Government & Politics: U.S.	Capstone Research
Chemistry	Human Geography	Seminar
Computer Science A	Latin Language Vergil	Spanish Language
Computer Science Principles	Macroeconomics	Statistics
English Language and Composition	Microeconomics	Studio Art 2-D
English Literature and Composition	Music Theory	Studio Art 3-D
Environmental Science		Studio Art Drawing
		U.S. History
		World History

ACADEMIC ACHIEVEMENTS (Most recent test data for most recent college bound seniors.)

ACT Composite	Class of 2017	SAT Scores	Class of 2017
Manual	28	Rdg/Writing	694
Kentucky	20.0	Mathematics	689

NATIONAL MERIT SEMI-FINALISTS

Graduation Year	# of Students	# of Graduates
2017	48	461

NATIONAL MERIT COMMENDED

2017	27	461
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KY GOVERNOR'S SCHOLARS

2017	26	461
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GOVERNOR'S SCHOOL FOR THE ARTS

2017	34	461
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MILITARY ACADEMY NOMINATIONS

2017	4	461
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TOTAL SCHOLARSHIP EARNED: 1823**TOTAL SCHOLARSHIP \$ OFFERED TO****CLASS OF 2017:**

\$80,325,093

**ADVANCED PLACEMENT EXAMS
(Schoolwide 2017)**

Number of Exams Taken	2875
# of Students Tested	1372
Score of 3 or Higher	85.8%
Score of 4 or Higher	55%
Score of 5	26%

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 Assoc. 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
- National SuperQuest Computer Competition – Top 10
- SEIKO Environmental Competition
- Kentucky Junior Science Humanities – Symposium Winner
- Kentucky Junior Academy of Science
- National Champion Cheerleaders
- American Invitational Math Exam – National Finalists
- Louisville, Regional, State, International Science Fair Overall Winners
- Scholastic National Senior Art Portfolio Scholarship
- 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
- 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

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 2017

- Awarded More Than 80 Million Dollars in Scholarships
- Highest Average ACT Scores in the State of Kentucky
- 48 National Merit Semifinalists
- 27 National Merit Commended Students
- 26 Governor's Scholars
- 34 Governor's School for the Arts Scholars
- 158 Class Valedictorians with Weighted GPA's of 4.0 or Higher
- 1 Presidential Scholar
- 67 Academic All-State Scholar Athletes
- 196 Honorable Mention Academic All-State Scholar Athletes
- 25 All-State Band, Orchestra, and Chorus Members
- 36 All-County Band, Orchestra, and Chorus Members
- 35 National Honor Society Members
- 57 National Beta Club Members
- 22 Tri-M National Music Honor Society Members
- 12 Thespian Society Members

COMMUNITY

duPont Manual High School is located in the heart of Louisville, Kentucky and sits just a few blocks north of historic Churchill Downs, home of the Kentucky Derby. 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 and 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 in the United States. JCPS educates approximately 100,000 students representing over 95 different languages.



MAGNET PROGRAMS at DUPONT MANUAL HIGH SCHOOL

Journalism & Communications

Journalism & Communication (J&C) offers challenging courses, radio and television studios, and editing suites. J&C 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 or participate in approved internship programs.

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 selection provides students with the opportunity to attend University of Louisville classes as part of the Crimson Scholars Program. Additionally, students enroll in at least four Advanced Placement or Dual Credit Classes prior to graduation.

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 an additional experimental theater with state-of-the-art lighting and sound equipment seating approximately 150 individuals.

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

During the last decade, Manual students have been recipients of the following honors:

**indicates multiple recipients*

Jefferson Scholar: University of Virginia	*Siemens Scholar
*Brown Fellows: Centre College	*Coca-Cola Scholar
*Brown Fellows: University of Louisville	McNair Scholar: University of South Carolina
Ramsey Scholar: University of Georgia	Park Scholar: Ithaca College
*Morehead-Cain Scholar: UNC Chapel Hill	Templeton Scholar: Hanover College
*Ingram Scholar: Vanderbilt University	*Presidential Scholars
Truman Scholar: University of Louisville	*Cincinnatus Scholar: University of Cincinnati
*Danforth Scholar: Washington University in St. Louis	Questbridge Match to University of Chicago
Regent's and Chancellor's Scholar: Univ. of California Berkeley	*GEMS: University of Louisville
*Wells Scholar: Indiana University	*McConnell Scholars Program: University of Louisville