

Understanding Magnet and Career & Technical Education Programs

What is the Difference between a Magnet Program and a CTE Program?

Magnet Programs:

- Allow students to pursue special interests, talents or career goals through specialized academic programming within Pittsburgh schools.
- Enroll students in schools other than a child's home school.
- Require application for admission, where placement is determined by lottery to fill available spaces. Once the lottery has been conducted, any remaining spaces will be given on a first come, first serve basis to eligible applicants. If more students apply to a program than there is space available, students will be placed on a waiting list.
- Are available at all grade levels from K–12.

Career and Technical Education Programs (CTE):

- Provide students with the opportunity to pursue academics as well as a career or trade, providing earning advantages before and after graduation, as well as hands-on learning opportunities. Space is limited by the maximum safe capacity per laboratory or classroom.
- Require application for admission, where placement is determined by lottery to fill available spaces. Once the lottery has been conducted, any remaining spaces will be given on a first come, first serve basis to eligible applicants. If more students apply to a program than there is space available, students will be placed on a waiting list. (Students who are already in a CTE program do not need to re-apply to the program.)
- Are available to students beginning in 10th grade. (Exceptions are Cosmetology, which is available to students beginning in 9th grade, and Engineering, which is available to students beginning in 11th grade.)
- Not all CTE programs are offered at each school site.
- Signature programs exist at some schools.

Who is Eligible?

- All programs are available to students living in the City of Pittsburgh or the Borough of Mt. Oliver.
- Non-resident students are required to pay tuition to attend any CTE or Magnet program, and are not considered for admission until after the lottery has been run and City residents have been placed.
- Students who are home schooled or attend private school may attend any Career and Technical Education program within their regional cluster. (See more information on page 16.)
- Charter School students (including cyber-school) are not eligible to attend Career and Technical Education programs.

Understanding Magnet & CTE Entrance Requirements

Pittsburgh...	Entrance Requirements	If Requirements Are Not Met
Fulton Pre K-5 (French) Liberty K-5 (Spanish) Linden K-5 (German) Northview PreK-8 (Spanish) Phillips K-5 (Spanish)	Children applying to grades 3-5 must pass a language proficiency test in the emphasized language at that school.	Tutoring is provided in the spring to children in grades 3-5 applying to a language Magnet; however, passing the proficiency exam is still required for admission.
Allegheny K-5 Schiller 6-8 Sterrett 6-8 Classical 6-8 Carmalt PreK-8 Dilworth PreK-5 Montessori PreK-8 Allegheny 6-8	None	N/A
Obama 6-12	Grade 6: Previous language experience or willingness to enter entry level language of Japanese or French Grade 9: 2.5 Grade Point Average in 7th grade (must be maintained in 8th grade) At least "proficient" in both reading and math on 7th grade PSSA	Grade 9: Students performing "below basic" will not be considered for admission. If students perform "basic" on the PSSA in reading and/or math in 7th grade, but meet the GPA criteria, they may still be admitted if they agree to attend summer school prior to 9th grade. Students with an IEP scoring "below basic" who submit a portfolio that suggests they meet the PSSA bar for "basic" may be considered for admission. Please call (412) 622-3991 to receive a packet outlining the portfolio process. Admission is not guaranteed. All portfolios are due by December 1, 2011.
Brashear Computer Science Allerdice Pre-Engineering	2.5 Grade Point Average in 7th grade (must be maintained in 8th grade) At least "proficient" in both reading and math on 7th grade PSSA	Grade 9: Students performing "below basic" will not be considered for admission. If students perform "basic" on the PSSA in reading and/or math in 7th grade, but meet the GPA criteria, they may still be admitted if they agree to attend summer school prior to 9th grade. Students with an IEP scoring "below basic" who submit a portfolio that suggests they meet the PSSA bar for "basic" may be considered for admission. Please call (412) 622-3991 to receive a packet outlining the portfolio process. Admission is not guaranteed. All portfolios are due by December 1, 2011.
Science & Technology Academy 6-12	Grade 6: Complete essays and attend mandatory information session Grade 9: At least "basic" in both reading and math on 7th grade PSSA Complete essays and attend mandatory information sessions	Students who do not complete the essays will not be considered for admission. Students with an IEP scoring "below basic" who submit a portfolio that suggests they meet the PSSA bar for "basic" may be considered for admission. Please call (412) 622-3991 to receive a packet outlining the portfolio process. Admission is not guaranteed. All portfolios are due by December 1, 2011.
Langley Teaching Academy Oliver JROTC Perry Traditional Academy Perry Math & Science	At least "basic" in both reading and math on 7th grade PSSA	If students perform "below basic" on the PSSA in reading and/or math in 7th grade, they may still be admitted if they agree to attend summer school prior to 9th grade.
Pittsburgh Creative & Performing Arts 6-12 (CAPA)	Complete Audition, Essay and Arts Recommendation	Students who do not complete the audition, essay, and recommendation will not be considered for admission.
CTE programs	In order to comply with the approved Program of Study, students must have an approved three (3) period block of time available for CTE, as determined by the student's school counselor.	None

City residency is required for all applicants to a Pittsburgh Public School. Non-residents are only admitted if space is available after the lottery is completed and City residents have been placed. If space still exists after the lottery occurs, then staff members in the Pittsburgh Public Schools may submit a tuition waiver or other non-residents may be admitted via tuition payments.

Understanding Preferences and the Weighted Lottery

In the spring of 2009, the Board voted to adopt a new Magnet admissions process that incorporates the use of preferences and a weighted lottery system. Under this system, after preferences, children can gain additional chances in the lottery based on meeting certain requirements.

Students New to Pittsburgh Public Schools/ Students Attending Non-PPS Schools: If you wish to receive additional weights for PSSA/Standardized test proficiency, attendance rate, free or reduced lunch or behavior/conduct, please submit evidence with your application. If you do not, you will not receive these weights.

What does it mean to have preference for a program?

If you have preference for a program, it means you are automatically placed at the top of the admissions list at your first choice only. Sibling preference only applies during the lottery period, and only at K-5 or K-8 schools.

What preferences and weights (extra chances) exist for each Magnet and CTE program?

Preferences			Weights
School Program	Sibling Preference	Program Continuity	If more applications are submitted then there are spaces available after preferences are issued, then a weighted lottery will occur where children will receive additional chances for each of the following:
All K-5 and K-8 Magnet programs	Yes, if a sibling is already enrolled when incoming applicant begins at school	None	<ul style="list-style-type: none"> Submitting a complete application Living in same geographic area as the school Qualifying for Free and Reduced Lunch Having attended a PPS Early Childhood program Having attended an Early Childhood program in the same building to which they are applying for Kindergarten
Pittsburgh Obama 6th Grade	No	Only if attended Fulton, Liberty, Linden, Northview, or Phillips Magnet and Obama is their 1st choice. Students must still submit an application by lottery deadline.	<ul style="list-style-type: none"> Submitting a complete application Living in same geographic area as the school Qualifying for Free and Reduced Lunch Having a sibling who attends the school to which you are applying Having attended a PPS elementary school 95% Attendance Rate in the previous year
Pittsburgh Obama 9th Grade	No	Only if GPA and PSSA eligible. Students must still submit an application by lottery deadline.	<ul style="list-style-type: none"> Submitting a complete application Living in same geographic area as the school Qualifying for Free and Reduced Lunch Having a sibling who attends the school to which you are applying Having attended a PPS school in grades 6-8 95% Attendance Rate in the previous year No 4-10 day suspensions in the previous year
Pittsburgh Allegheny Traditional 6-8	No	Only if attended Dilworth K-5 or Allegheny K-5 and Allegheny Traditional Academy 6-8 is their 1st choice. Students must still submit an application by lottery deadline.	<ul style="list-style-type: none"> Submitting a complete application Living in same geographic area as the school Qualifying for Free and Reduced Lunch Having a sibling who attends the school to which you are applying Having attended a PPS elementary school 95% Attendance Rate in the previous year
Pittsburgh Perry Traditional	No	Only if attended Allegheny 6-8 and Perry is their 1st choice. Students must still submit an application by lottery deadline.	<ul style="list-style-type: none"> Submitting a complete application Living in same geographic area as the school Qualifying for Free and Reduced Lunch Having a sibling who attends the school to which you are applying Having attended a PPS school in grades 6-8 95% Attendance Rate in the previous year No 4-10 day suspensions in the previous year

Preferences			Weights
School Program	Sibling Preference	Program Continuity	If more applications are submitted then there are spaces available after preferences are issued, then a weighted lottery will occur where children will receive additional chances for each of the following:
Pittsburgh Creative and Performing Arts (CAPA) 9th grade	No	Through a juried review held in the fall of their 8th grade year.	None
Pittsburgh Science and Technology Academy 6–11	No	No	<ul style="list-style-type: none"> • Submitting a complete application • Proficiency on most recent PSSA Math and Reading tests • Qualifying for Free and Reduced Lunch • Top 50% of their grade in their school on their most recent PSSA math test • 90% Attendance Rate in the previous year • Attended Lincoln or Carmalt K–8 since these schools have science and technology-focused curriculum (9th grade admissions only)
All other 6–8 Magnet programs and Pittsburgh Millions 6th grade	No	No	<ul style="list-style-type: none"> • Submitting a complete application • Living in same geographic area as the school • Qualifying for Free and Reduced Lunch • Having a sibling who attends the school to which you are applying • Having attended a PPS elementary school • 95% Attendance Rate in the previous year
All other 9–12 Magnet programs and Pittsburgh Millions 9–12th grade	No	No	<ul style="list-style-type: none"> • Submitting a complete application • Living in same geographic area as the school • Qualifying for Free and Reduced Lunch • Having a sibling who attends the school to which you are applying • Having attended a PPS school in grades 6–8 • 95% Attendance Rate in the previous year • No 4–10 day suspensions in the previous year
CTE Programs	No	Students do not need to reapply once they are in a CTE program	<ul style="list-style-type: none"> • Submitting a complete application

How do I get an extra chance for a “completed application?”

All you need to do is apply and you have at least one chance to be admitted.

How do I get an extra chance for “Free and Reduced Lunch?”

If you currently qualify for reduced price lunches or free lunches as part of the federal program, our records will indicate this, and you will receive an additional chance to be admitted.

How do I get an extra chance for having a “sibling” at the school to which I am applying?

You must note on the application (online or on paper) the name of the sibling in the school where you are applying. This will be verified on our end—and this child must be attending the school during the year for which the child is applying. If it is not noted on the application, the weight will not be applied. If it is later found that this child is not a sibling of the child, the weight will not be applied.

How do I get an extra chance for having “previously attended Pittsburgh Public Schools?”

Our computer records will indicate this, and you will receive an additional chance to be admitted. If you use the online application, at the end of your application it will show if our records indicate you qualify for this weight.

How do I get an extra chance for having “95% or higher attendance” the year before?

Our computer records will indicate this, and you will receive an additional chance to be admitted. If you use the online application, at the end of your application it will show if our records indicate you qualify for this weight.

How do I get an extra chance for “not having received a 4–10 day suspension” the year before?

Our computer records will indicate this, and you will receive an additional chance to be admitted. If you use the online application, at the end of your application it will show if our records indicate you qualify for this weight.

How do I get an extra chance for geography?

Region	If you are applying to...		You receive a weight if your home/feeder school is...		
North/Central	Pittsburgh... Allegheny K–5 Allegheny 6–8 Northview Schiller	Milliones Perry Oliver Science and Technology Academy	Pittsburgh... Perry Milliones Weil King Miller	Morrow Spring Hill Manchester Northview Oliver	
East	Pittsburgh... Dilworth Fulton Liberty Linden Montessori	Sterrett Allderdice The Academy at Westinghouse Obama Peabody	Pittsburgh... Arsenal K–5 Fulton Sunnyside Minadeo Lincoln	Fort Pitt Arsenal 6–8 Allderdice Woolslair Faison	Mifflin Greenfield Colfax Academy at Westinghouse
South/West	Pittsburgh... Phillips Carmalt Classical	Brashear Langley	Pittsburgh... Phillips Banksville Beechwood Concord Grandview Roosevelt Langley	West Liberty Whittier Brookline Schaeffer Westwood Arlington	Murray Stevens South Brook South Hills Brashear Carrick

Cancellations

Parents who wish to rescind their child’s Magnet acceptance must provide in writing their desire to remove their child from the Magnet program. Cancellations should be made promptly, as a courtesy to students on Magnet program waiting lists. Please send rescissions to the following address:

Magnet Office, Pittsburgh Public Schools, 341 S. Bellefield Avenue, Pittsburgh, PA 15213

Rescissions

At the end of the school year, a student’s Magnet status can be withdrawn if the student does not meet the eligibility requirements listed below. Students who have had their Magnet status withdrawn may not reapply to the same Magnet program once they have been removed from that program.

	Attendance	GPA	Behavior
Elementary School	90% or higher		
Middle School	90% or higher		Fewer than 6 days suspended
High School	90% or higher	2.0 or higher	Fewer than 6 days suspended

The policy can be reviewed in full at www.pps.k12.pa.us/magnet under the 2011–12 Admission Information, New Policy section.

Career and Technical Education Programs

Career and Technical Education (CTE) programs are evolving to keep up with today’s technology and tomorrow’s workforce needs. Good jobs are out there and CTE can give students a great head start on getting one by offering project-based learning activities, hands-on training and industry certifications.

Beyond the education students get in the classroom, CTE programs are uniquely engaging and valuable because of the experiences they get *outside* the classroom. Our programs are enriched by partnerships with local organizations and businesses—providing opportunities for our students to learn from and network with industry professionals.

Every student is prepared for and encouraged to continue their education after high school. Students who successfully complete the CTE program and score well on the end-of-program assessment test are eligible to receive college credit at participating post-secondary schools.

Our CTE programs make sure that all students are workforce-ready when they enter the job market. We are pleased to offer a wide variety of CTE programs across our high schools.

Career and Technical Education Programs are divided into two categories, **Signature Programs and Regional Programs**:

Signature Programs (descriptions can be found on page 18):

Students who wish to attend signature programs must attend school full time in the region where the program is located. If a child wishes to enroll in one of these programs but does not live in the regional cluster, they will need to enroll full time in the school of program choice via the CTE application. No students will be permitted to transfer within a region to attend a CTE program.

Signature Program	Facility	Must attend school full time at Pittsburgh:	Number of New Student Openings	Grade students should start program
Engineering	Allderdice	Allderdice, University Prep at Millionnes, The Academy at Westinghouse	25	11
HVAC	South Annex	Any School (Exceptions: Obama, SciTech, CAPA or University Prep at Millionnes.)	25	10
Automotive Body Repair	Brashear	Brashear, Langley or Carrick	25	10
Automotive Technology	Brashear	Brashear, Langley or Carrick	25	10
Advanced Machine Operations	Langley	Brashear, Langley or Carrick	25	10
Welding	South Annex	Any School (Exceptions: Obama, SciTech, CAPA or University Prep at Millionnes.)	25	10

See next page for Regional Programs.

Career and Technical Education Programs

Regional Programs (descriptions can be found on page 19):

Students who enroll in one of these Regional programs attend schools within their regional cluster. Students attending a Regional CTE Program must attend school full time within their regional cluster. No student will be permitted to transfer to attend a Regional Program that is not in their home school region.

Signature Program	Facility	Must attend school full time at Pittsburgh:	Number of New Student Openings	Grade students should start program
Culinary Arts	Oliver	Oliver or Perry	25	10
Culinary Arts	Academy at Westinghouse	Allderdice, University Prep at Milliones, The Academy at Westinghouse	25	10
Cosmetology	Oliver	Oliver or Perry	25	9 or 10
Cosmetology	Academy at Westinghouse	Allderdice, University Prep at Milliones, The Academy at Westinghouse	25	9 or 10
Business Administration	Carrick	Brashear, Langley or Carrick	25	10
Business Administration	Oliver*	Oliver or Perry	25	10
Business Administration	Academy at Westinghouse	Allderdice, University Prep at Milliones, The Academy at Westinghouse	25	10
Finance Technology	Carrick	Brashear, Langley or Carrick	25	10
Finance Technology	Oliver*	Oliver or Perry	25	10
Finance Technology	Academy at Westinghouse	Allderdice, University Prep at Milliones, The Academy at Westinghouse	25	10
Information Technology	Carrick	Brashear, Langley or Carrick	25	10
Information Technology	Oliver*	Oliver or Perry	25	10
Information Technology	Academy at Westinghouse	Allderdice, University Prep at Milliones, The Academy at Westinghouse	25	10

**Program slated to open in the 2012–13 school year.*

Career and Technical Education Signature Programs

Signature Programs

Students who wish to attend signature programs must attend school full time in the region where the program is located. If a child wishes to enroll in one of these programs but does not live in the regional cluster, they will need to enroll full time at the school of program choice. No students will be permitted to transfer within their own region to attend either a Signature or Regional CTE program.

Advanced Machine Operations (Facility: Langley)

The Machine Operations program is designed to provide students with an introduction to basic and advanced machine shop skills. It provides practical experiences such as shaping metal on a variety of metal-cutting machines including lathes and mills. It then increases in the complexity of conventional machining methods and introduces computer numerically controlled (CNC) lathes and mills to create precision metal parts.

Automotive Body Repair (Facility: Brashear)

The Automotive Body Repair program is designed to provide students with a combination of classroom theory and hands-on experience. The educational components of the program focus on minor repair, structural repair and refinishing. The program includes safety, related math, MIG welding, parts replacement (hoods, fenders, doors and trunks), pre-painting preparation, refinishing, metal straightening, plastic repair, damage estimation, frame and uni-body, straightening, restraint system and estimating repair cost.

Automotive Technology (Facility: Brashear)

Students in the Automotive Technology program study current automotive operating principles and repair procedures. This program is designed for students who would like to work in the automotive service industry. Instruction includes safety, theory, automotive computer training and daily operation skills. Automotive technicians need knowledge of electronics, emission control, electricity, mechanics and hydraulics. New government requirements on safety and pollution control, the expanded use of electronics and more extensive warranties on new vehicles require the work of highly-skilled diagnosticians and technicians.

Engineering (Facility: Allderdice)

The CTE Engineering Program allows students to study the fundamentals of working in the engineering field, as well as to develop important problem-solving skills. Students will complete projects with specific design parameters, while fostering their own creativity. These problem-solving skills will prepare students to pursue higher education in its various forms, while particularly preparing students for further study in the engineering field.

HVAC (Facility: South Annex)

The RHVAC instructional program combines classroom and hands-on learning experiences. This course includes the theory and application of the basic principles involved in the installation, service and repair of heating and cooling systems. Students develop skills in assembling and installing tubes and pipes, motors, compressors, control devices, valves and thermostats while gaining an understanding of blueprints and schematics related to equipment and systems.

Welding (Facility: South Annex)

Students in the Welding program will study many different welding procedures, which, when mastered, will allow students to compete for competitive employment in the industry. Particular attention is paid to SMAW, MIG and TIG welding techniques. In addition, students will enhance their skill set by learning cold metal shaping, metal brazing, and flux cord welding. Students who master these skills are frequently able to find employment upon graduating from high school.

Career and Technical Education Regional Programs

Regional Programs

Students who enroll in one of these Regional programs attend schools within their regional cluster. Students cannot leave their regional cluster to attend a Regional CTE program.

Business Administration (Facilities: Carrick, Oliver* and The Academy at Westinghouse)

Students enrolled in the Business Technology program perform varied and diverse duties in a wide range of industries. This requires knowledge of office management systems and procedures. Clerical duties may be assigned in accordance with the office procedures of individual establishments and may include a combination of answering telephones, bookkeeping, word processing, office machine operation and filing. This instructional program provides both theory and hands-on application.

Cosmetology (Facilities: Oliver and The Academy at Westinghouse)

The Cosmetology program prepares students to become licensed cosmetologists. The program includes training in current theory and extensive group and individual practical training. Students are taught shampooing techniques, hair shaping, hair coloring, permanent waving, chemical relaxing, styling, skin care and makeup, and manicuring. Upon successful completion of 1,250 hours of instruction and clinical experience, students qualify to take the State Cosmetology Board Examination.

Culinary Arts (Facilities: Carrick, Oliver and The Academy at Westinghouse)

This hands-on program provides students with the fundamental skills needed for employment and advanced study in the food service industry. Students learn about the world of culinary arts through food preparation and service using specialized equipment and tools. In addition, students explore principles of menu planning, effective communication, safety and sanitation, and workflow between dining and kitchen operations. The culinary arts program operates an on-site café which serves school staff members and performs various catering functions. Jobs in Culinary Arts are expected to grow faster than the national average for the next five to seven years, offering a wide range of career options.

Finance Technology (Facilities: Carrick, Oliver* and The Academy at Westinghouse*)

The Finance Technology program develops accounting skills for a service business organized as a proprietorship and for a merchandising business organized as a corporation. Working papers, manual and automated accounting simulations and automated accounting software extend and enrich the instruction. Instruction is provided in adjustments, valuation and additional accounting procedures. Careers in accounting, business ethics and business structures are also explored.

Health Careers (Facilities: Langley, Oliver* and The Academy at Westinghouse)

The Health Careers program is designed for students interested in careers in the broad health care sector. Comprehensive, competency-based courses prepare students for post secondary education success. Through hands-on instruction, students study anatomy and physiology, infection control, vital signs, human growth and development and nursing assistant. Out of school learning experiences are provided through field trips, job shadowing and partnerships with various hospitals and health care providers. Given the great demand for health care professionals, this career area is designated as a High Priority Occupation per regional workforce projections as well as state and national projections.

Information Technology (Facilities: Carrick, Oliver* and The Academy at Westinghouse*)

The Information Technology program gives students strong theoretical and hands on experience in the field of computer hardware, software, and networking. Students will learn the skills to develop their own network, from the level of the individual computer to the level of a multi-server, multi-computer independent data communication system. These skills, which are based entirely on industry standards, prepare students for the CCNA exam, which is the internationally accepted required certification for work in the Information Technology industry.

**Program slated to open in the 2012-13 school year.*

School Descriptions

Pittsburgh Allderdice High School



Address: 2409 Shady Avenue, Pittsburgh, PA 15217
Phone: (412) 422-4800 / **Fax:** (412) 342-4803
Web: www.pps.k12.pa.us/allderdice
Grade Organization: Partial Magnet School Serving Grades 9–12
Family Income Status: 41.88% (District Avg: 70.44%)

School Description:

Pittsburgh Allderdice High School is a neighborhood school located in Pittsburgh's Squirrel Hill community. To complement its academic programs, Pittsburgh Allderdice offers a full range of interscholastic, intramural, and co-curricular clubs reflecting the diversity of its students' backgrounds and interests.

Extracurricular, Sports, External Partnerships and Awards:

Allderdice was awarded a silver medal by U.S. News and World Report, High School Rankings 2008, and is accredited by the Middle States Association. Activities include interscholastic and intramural sports, clubs including newspaper, literary magazine, service, leadership and student government, ice hockey, fencing, crew and DECA. Academic programs are offered at the gifted (CAS), scholars (PSP) and standard academic levels, with several Career and Technical Education (CTE) Programs available.

Advanced Placement Courses Offered:

- English 3
- English 4
- Government
- American History
- European History
- Psychology
- Statistics
- Calculus AB
- Biology 2
- Chemistry 2
- Physics 2B
- Physics 2C
- Art History
- Environmental Science
- Music Theory

Magnet Program–Pre-Engineering:

In the Pre-Engineering Magnet program at Allderdice, students will analyze problems, design and build solutions, test their products and present their creations. In each semester of the four-year program, four modules are completed. The Paxton Patterson modules include Biotechnology, Digital Electronics, Communications Technology, and Construction Technology (year 1), Alternative Energy, Environmental Technology, Materials Science, and Robotics and Automation (year 2), Architectural Design, Manufacturing Technology, Multimedia Production, and Transportation Technology (year 3), and Architecture, Bioengineering, Industrial Design and Media Advertising (year 4).

Students work individually to learn scientific principles and then work in groups to apply what they have learned to hands-on projects. The program develops skills in critical thinking, problem solving, oral presentation, data analysis, technical writing, CAD and other engineering software. Allderdice has numerous math, science, Career and Technical Education (CTE) options for students to complement their engineering classes and strengthen their college preparedness and Promise-Readiness.

Students will have access to mentoring, career seminars and enriching programs that extend their learning from the classroom to the workplace for exposure to engineering careers. Interested students may obtain the CTE certification by adhering to the Chapter 339 programming and time requirements.

Parent/Family Involvement Opportunities:

Parent Teacher Organization (PTO)

Enrollment (2011–12):

Total Students: 1,322
African-American: 36%
White & Other: 64%
Dress Code: Standard



“The Pre-Engineering Magnet program is an **excellent way** to explore various fields of engineering that students may want to pursue as a future career. The **exciting hands-on activities** are fun, with **innovative** methods of learning a **vast range** of engineering concepts.”
- Aryel, Student

Pittsburgh Brashear High School, The Teaching Institute



Address: 590 Crane Avenue, Pittsburgh, PA 15216

Phone: (412) 571-7300 / **Fax:** (412) 571-7305

Web: www.pps.k12.pa.us/brashear

Grade Organization: Neighborhood School Serving Grades 9–12

Family Income Status: 60.4% (District Avg: 70.44%)

School Description:

Our vision is that Pittsburgh Brashear High School will recognize, value, and inspire our learners within a student-centered environment founded on the concept of *Excellence for All*. Our mission is that we will uphold the philosophy that each student is capable of effective learning and deserves the opportunity to learn in a safe environment that accepts varied learning styles, fosters growth, and respects diversity. We hold ourselves accountable for preparing all children to achieve academic excellence and strength of character, so that they have the opportunity to succeed in all aspects of life. U.S. News and World Report awarded Brashear a Bronze Medal in their 2010 America's Best High Schools list.

The Teaching Institute

The Teaching Institute at Pittsburgh Brashear will offer students an environment where new and experienced teachers will work side-by-side to bring enthusiasm, energy and high expectations to each student's learning experience. Staff at the Institute will deliver an exceptional education by incorporating educational research and new educational practices designed to meet the needs of all students. The Institute will instill a Promise-Ready culture, supporting strong behaviors and habits necessary for work and life beyond high school. Parents will see a greater number of teachers per classroom within the Institute. This greater number of teachers per classroom will offer additional support for student's unique learning needs.

Extracurricular, Sports, External Partnerships and Awards:

Activities include Student Government, interscholastic and intramural sports, debate and mock trial teams, mathematics, literacy and science competitions, and more than 25 other clubs. Brashear offers intensive community service and leadership activities. We offer a full complement of athletic teams for both males and females. We are also a Hometown High-Q participant. Our library houses an extensive computerized collection for circulation with a state of the art computer lab for research. All math and science classrooms have Elmo's and LCD projectors. All 11th Graders take the SAT exam for free and all students enrolled in AP courses take the AP exam for free!

Advanced Placement Courses Offered:

- English 3
- English 4
- American History
- Calculus AB
- Chemistry 2
- Computer Science
- Biology 2
- Physics 2B
- Psychology
- Government
- Studio Art

Magnet Program – Computer Science:

The Pittsburgh Brashear Computer Science Center is equipped with 60 state-of-the-art networked IBM-compatible computers and variety of output devices. Students may work toward certification in Microsoft and Networking. Strong math and communication skills are required for success in this program.

Over the course of their education at Brashear, students will learn visual programming languages like RAPTOR and Visual Basic, as well as Adobe Photoshop, Illustrator, Flash, Fireworks, Alice and Java. The student will learn standard programming techniques such as: variable development, conditional logic, looping, and modular programming. Advanced techniques include creating GUI interfaces, file manipulation and sorting routines. In their final year, students will prepare for the Computer Science AP exam; Seniors can earn college credit by doing well on the exam. Advanced topics will cover working with classes, objects, arrays, recursion, sorting and searching.

Additional computer electives include Web Design, Microsoft Office Products, and CISCO computer networking and repair. The full compliment of Magnet and elective courses enhance students' knowledge, enabling them to be Promise-Ready. Students will be prepared to study all aspects of the computer industry in any post-secondary institution.

Enrollment (2011–12):

Total Students: 1,190

African-American: 33.6%

White & Other: 66.4%

Dress Code: Standard



Pittsburgh Carrick High School



Address: 125 Parkfield Street, Pittsburgh, PA 15210

Phone: (412) 885-7700 / **Fax:** (412) 885-7708

Web: www.pps.k12.pa.us/carrick

Grade Organization: Neighborhood School Serving Grades 9–12

Family Income Status: 74.45% (District Avg: 70.44%)

School Description:

Pittsburgh Carrick High School is a comprehensive neighborhood school offering academic programs at the Advanced Placement (AP), gifted (CAS), scholars (PSP), Special Education (PSE), and standard academic levels. Our mission is to ensure that all graduates are “Promise-Ready” and prepared with a plan for school, work, or additional training. A dedicated faculty and staff include several National Board Certified Teachers and Evaluators.

Extracurricular, Sports, External Partnerships and Awards:

Pittsburgh Carrick High School offers a full range of interscholastic, intramural, and co-curricular clubs including 20 varsity sports, Bocce club, the spring musical, school play, marching band, steel drums, bag pipe band, indoor guard, majorettes, percussion competition units, and community service projects. Students can also participate in a variety of partnerships with the United Way’s Pittsburgh Youth Leadership Academy (PYLA) and Big Brothers and Big Sisters mentoring program with American Eagle. Students have an opportunity to participate in a variety of academic competitions such as the African American History Bowl, Chemistry Olympics, English Festival, and Think-A-Thon. We also partner with California University of Pennsylvania to offer college credit for Physics 2 students.

A strong, award-winning arts program is supported by partnerships with Manchester Craftsmen’s Guild, Pittsburgh Cultural Trust, Heartland Homes, the Bynam Theatre, and Gateway to the Arts. Pittsburgh Carrick’s Marching Band has been named the “Best City Band” for the Labor Day, St. Patrick’s Day, and Veteran’s Day Parades.

Advanced Placement Courses Offered:

- English 3
- English 4
- Statistics
- Psychology
- Calculus AB
- Chemistry 2

Parent/Family Involvement Opportunities:

Pittsburgh Carrick High School invites parents to participate in many events including Ninth Grade Nation Orientation, Back-to-School Night, Pittsburgh Promise Night, Open House, Marching Band Boosters, Athletic Boosters, Theater Angels Group, Financial Aid Night, NEED Scholarship Night, as well as many other school and community sponsored events.

Enrollment (2011–12):

Total Students: 716

African-American: 36.8%

White & Other: 63.2%

Dress Code: Standard



“The Business Academy Program has taught me a great deal about the real world. It has helped shape me into the person I am today because I am more responsible and optimistic about my future. It will always be a part of my life, even when I graduate from Carrick.”
- Mandy, Grade 11

Pittsburgh Langley High School



Address: 2940 Sheraden Boulevard, Pittsburgh, PA 15204

Phone: (412) 778-2100 / **Fax:** (412) 778-2106

Web: www.pps.k12.pa.us/langley

Grade Organization: Neighborhood School Serving Grades 9–12

Family Income Status: 79.17% (District Avg: 70.44%)

School Description:

Located in the historic Pittsburgh neighborhood of Sheraden, Pittsburgh Langley serves as a comprehensive high school with the mission to give each student a solid educational foundation on which they can build their future. Pittsburgh Langley provides a safe and nurturing educational environment that focuses on the personal, social, and professional growth of the student. We also encourage public awareness of their local community, their country, and the world around them, as well as their roles as members of these communities.

Pittsburgh Langley High School is accredited by the Middle States Commission on Secondary Schools. Programs offered at Langley include Centers for Advanced Studies (CAS), Scholars Program (PSP), and Life Skills/Community Based Instruction (CBVE).

Extracurricular, Sports, External Partnerships and Awards:

Numerous extracurricular activities are offered, including the school newspaper, yearbook, literary magazine, spring/winter concerts and musicals, class plays, interscholastic sports, band, chorus, drill team, flag corps, cheerleading, the Diversity Club, the History Club, National Honor Society, and an active Student Council. A full complement of interscholastic sports is also available.

Our students also have opportunities to participate in numerous service projects. For example, Langley partners with the Salvation Army's Treasures for Children program during the holiday season to provide presents for needy children. Students also take part in recycling, energy conservation, and Stash the Trash programs, in which we work with our local community to improve the visual and environmental aspects of our neighborhood. Pittsburgh Langley students also conduct a food drive and twice yearly blood drives. In various programs, Pittsburgh Langley partners include the UPMC Community Partnership Association, the Manchester Craftsmen's Guild, and a number of local colleges and universities.

Advanced Placement Courses Offered:

- English 3
- English 4
- Government
- Physics 2C
- Statistics
- Calculus AB

Magnet Program – Langley Teaching Academy:

The Pittsburgh Langley High School is home to the Langley Teaching Academy (LTA). The academy is dedicated to preparing young men and women for careers in the field of education. LTA students enroll in a series of education courses throughout their high school years, which culminate in a field experience during their senior year at the local elementary schools. Our students are closely monitored and mentored by the Teaching Academy staff during this process. Academy students are expected to maintain grade and behavior standards that exceed those of the mainstream student. LTA students are consistently among the highest achieving students in the school, and find the program extremely rewarding. Many of our graduates have gone on to become excellent teachers. Several of our academy graduates are now teaching in the Pittsburgh Public School system.

Parent/Family Involvement Opportunities:

Pittsburgh Langley parents are actively recruited to participate in their children's academic lives. Many Langley parents volunteer with activities and athletic booster clubs. The Langley newsletter and newspaper are sent home on a regular basis to keep parents informed on what is happening at school.

Enrollment (2011–12):

Total Students: 380

African-American: 63.4%

White & Other: 36.6%

Dress Code: Standard



Pittsburgh Oliver High School



Address: 2323 Brighton Road, Pittsburgh, PA 15212
Phone: (412) 323-3250 / **Fax:** (412) 323-3294
Web: www.pps.k12.pa.us/oliver
Grade Organization: Neighborhood School Serving Grades 9–12
Family Income Status: 79.27% (District Avg: 70.44%)

School Description:

Pittsburgh Oliver High School is a neighborhood school located in Pittsburgh's Marshall-Shadeland community. Pittsburgh Oliver is home to the JROTC Magnet program as well as Career and Technical Education (CTE) Programs in Building and Trades, Health Careers, Information Technology, Business, and Finance, and Consumer Sciences. Pittsburgh Oliver's instructional program is designed around the District's core curriculum.

Pittsburgh Oliver Early College Model: Gateway to the Promise

The Early College Model is designed to lower barriers that affect academic success. Smaller learning communities foster closer relationships. Counseling is an important ingredient since Promise-Readiness depends on staying on course, and students will receive strong support and guidance throughout their high school experience. The credit recovery program also will offer help and hope to students who fall behind. An extended school year will give students the opportunity to catch up on lost credits or to complete graduation requirements in three years. The Early College Model at Pittsburgh Oliver also will have the most complete Career & Technical Education programming within Pittsburgh Public Schools, as well as access to extended-day and weekend classes at Community College of Allegheny County (CCAC).

Extracurricular, Sports, External Partnerships and Awards:

"4 Classroom R's" provide the foundation and scaffolding to promote student achievement: Rigor, Relevance, Relationships, and Results. Oliver's partners include local universities and colleges, CIGNA, Mercy Hospital and Western PA Conservancy. A Communities in Schools coordinator provides additional support to parents, students and community partners. Activities include Student Council, mock trial teams (University of Pittsburgh and Pennsylvania Bar Association Young Lawyers' Division), yearbook, newspaper, sports, band and drill team.

Advanced Placement Courses Offered:

- English 4
- Chemistry 2
- Calculus AB

Magnet Program—JROTC (9–12):

The Junior ROTC mission is to "Motivate Young People to be Better Citizens." JROTC cadets are under no obligation to enter into military service following graduation. Cadets who choose to enter military service or college ROTC are eligible for monetary and college credit incentives. The Pittsburgh Oliver JROTC unit consistently receives high ratings, and qualified candidates are also eligible for nomination to the service academies. Leadership, physical development, self-discipline and good citizenship are stressed in this option. Cadets wear uniforms (provided at no cost to students) one day per week. Students also may participate in a one week summer camp at Fort Dix, NJ that includes land navigation, rappelling, aquatics and leadership instruction. Oliver has been awarded the Honor Unit with Distinction (highest award available) for 16 consecutive years, while 23 students have been national scholarship winners.

Parent/Family Involvement Opportunities:

School volunteers, educational and social partnerships with community groups.

Enrollment (2011–12):

Total Students: 358
African-American: 80.5%
White & Other: 19.5%
Dress Code: Standard



The Academy at Westinghouse



Address: 1101 N. Murtland Avenue, Pittsburgh, PA 15208

Phone: (412) 665-3940 / **Fax:** (412) 665-4977

Grade Organization: Neighborhood School Serving Grades 6–12

Family Income Status: TBD

School Description:

A new 6–12 school—The Academy at Westinghouse—is opening in the Westinghouse facility beginning in the 2011–12 school year. The Academy at Westinghouse will offer single-gender core courses and academic electives and coeducational arts and Career & Technical Education (CTE) classes. As part of the District's CTE plan, the Health Careers and Culinary Arts academies will be housed at the Westinghouse facility, as well as the cosmetology and business, finance, and information technology programs.

In addition to a reconfigured feeder pattern that will ensure sufficient enrollment and resources for East End schools, students from outside the feeder pattern may select the new 6–12 school as a magnet.

Extracurricular, Sports, External Partnerships and Awards:

Varsity sports teams, such as football, basketball, volleyball, cross-country, tennis, soccer, wrestling, baseball, and track, and various after school clubs and activities.

Parent/Family/Community Involvement:

Partnerships exist in conjunction with The Homewood Children's Village, Pittsburgh's iteration of the Harlem Children's Zone. A Community Health and Wellness Clinic will also operate within the Westinghouse facility. Multiple mentors are funded by the Heinz Endowments. Finally, the YMCA Lighthouse Project exists to accommodate and develop students during extended school time.

Enrollment (2011–12):

Total Students: TBD

African-American: TBD

White & Other: TBD

Dress Code: Uniform



Open House Dates and Times

School Name	Date & Time of Open House	Buses
Allerdice High School	Please Contact the School at (412) 422-4800	61C, 61D, 64, 65, 75
Allegheny K-5	Tuesday, November 8, 2011, 5-7PM	13, 15C, 17, 16B, 54C, 54D
Allegheny 6-8	Wednesday, November 9, 2011, 5-7PM	13, 15C, 17, 16B, 54C, 54D
Brashear High School	Monday, November 21, 2011	40, 43, 36, Red Line Charley T
CAPA 6-12	Saturday, September 24, 2011, 9AM-Noon	Any Bus to Downtown
Carmalt PreK-8	Friday, October 14, 2011, 6-7:30PM Every Wednesday from October 19 through Thanksgiving from 9:30-11:30AM and 1-2:30PM	39-Brookline
Classical 6-8	Thursday, October 27, 2011, 5:30-7:30PM	26-Chartiers, 27
Dilworth PreK-5	Tuesday, October 4, 2011, 6-8PM	71B, 74-Homewood, 89-Garfield
Fulton PreK-5	Friday, October 14, 2011, 4-6PM	71A, 71B, 87
Langley High School	Thursday, November 10, 2011	26-Chartiers, G2
Liberty K-5	Thursday, October 20, 2011, 5:30-7PM	64, 75, P1, P2
Linden K-5	Wednesday, October 26, 2011, 5-6PM	64, 67-Monroeville, 69-Trafford, 74-Homewood
Milliones 6-12	Friday, November 4, 2011 from 5-6:30PM	82-Lincoln, 83-Webster, 93
Montessori PreK-8	Tuesday, October 11, 2011, 6:30-7:30PM	71A, 77, 87, 88, 89-Garfield
Northview PreK-8	Please Contact the School at (412) 323-3130	6, 12, 15
Barack Obama International Studies 6-12	Please Contact the School at (412) 622-5980	71C, 74, 77B, 77F, 77L, 82, 86, 88, 89
Oliver High School	Please Contact the School at (412) 323-3250	15, 16-Brighton, 17-Shadeland
Perry High School	Please Contact the School at (412) 323-3400	8, 12
Phillips K-5	Tuesday, October 4, 2011, 4-6PM	48, 51, 54C, 75, 81, 83
Schiller 6-8	Tuesday, October 4, 2011, 5:30-7PM	1, 2, 6, 12, 54C, 54D
Science & Technology Academy 6-12	Thursday, October 13, 2011, 6-8PM	Any Bus to Oakland
Sterrett 6-8	Thursday, November 10, 2011	67, 69, 71C, 75
The Academy at Westinghouse 6-12	Please Contact the School at (412) 665-3940	77, 86

Carmalt PreK-8: An Open House will be offered **every Wednesday** from October 19th to Thanksgiving from 9:30-11:30AM and again from 1-2:30PM in order to showcase classroom instruction. Parents are encouraged to attend.