

ADMISSIONS CRITERIA

Students with mathematical/scientific ability and proven academic performance are logical candidates.

TARGET GROUP 1:

Students who meet ALL of the following criteria:

- Standardized test Total Battery (TB) score at or above the 90th percentile
- Middle school final grades in science, mathematics and computers of B or better
- Middle school final grades in all other academic courses of C or better
- A full credit earned in Algebra I Honors with a C or better by the last day of the regular school year or eighth grade

All acceptances are contingent upon successful completion of 8th grade with the final 8th-grade report card reflecting entrance requirements of the program.

TARGET GROUP 2:

If a student does not meet all of the above criteria, the Admission Screening Committee will determine if the applicant:

- Has the potential and should be placed in Target Group 2 or
- Appears to have the potential for the program and needs an individual interview for further screening for Target Group 2, or
- Appears to lack potential for the program and therefore will not receive further screening.

Should there be a greater number of qualified applicants than available positions in Target Groups 1 and 2; applicants will be selected randomly by computer from each target group of eligible candidates.

POINTS OF PRIDE

- CAT recognized as 22nd best in the U.S. by *Newsweek* in its Top 100 high schools list
- Morning news show, *Fastforward*, judged best high school news show in the nation.
- Media program produces FOX 13 weekly TV show – only network show in the nation produced solely by high school students, winning 20 Emmy awards in the past three years.
- Students in the CAT program are in one of the three best-represented programs in the county for National Merit finalists, Commended Scholars, Achievement Scholars.
- Universal Studios High School Video Competitions – Twenty Emmy Awards, 2003-2008, First-place awards of more than \$25,000, Second-place award, \$2,500
- FIRST Robotics Competition award winners
- Finalists in international science and technology competition
- Active participatory member of the National Consortium for Specialized Secondary Schools of Math, Science and Technology

HOW TO APPLY

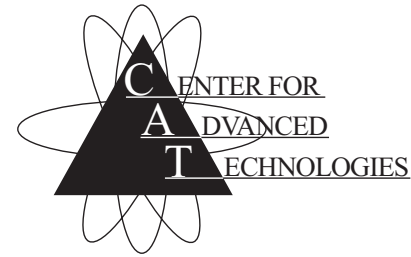
Students living anywhere in the county can apply to this school during the designated application period. Please check the district website at www.pcsb.org for more information. There are entrance criteria to apply for this magnet school.

TRANSPORTATION

Arterial bus transportation (buses that operate on main roads with a limited number of stops) is provided to students who live more than two miles from the school. Magnet bus stop locations may require that parents drive their children to and from the stop.

OUR MISSION

To provide quality application-based learning opportunities in a state-of-the-art supportive environment integrating mathematics, science and technology through student research.



Lakewood High School

Center for Advanced Technologies

1400 54th Avenue S
St Petersburg, FL 33705
www.cat.pinellas.k12.fl.us
(727) 893-2926



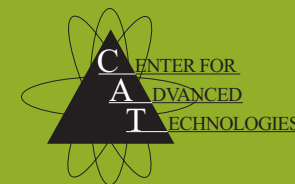
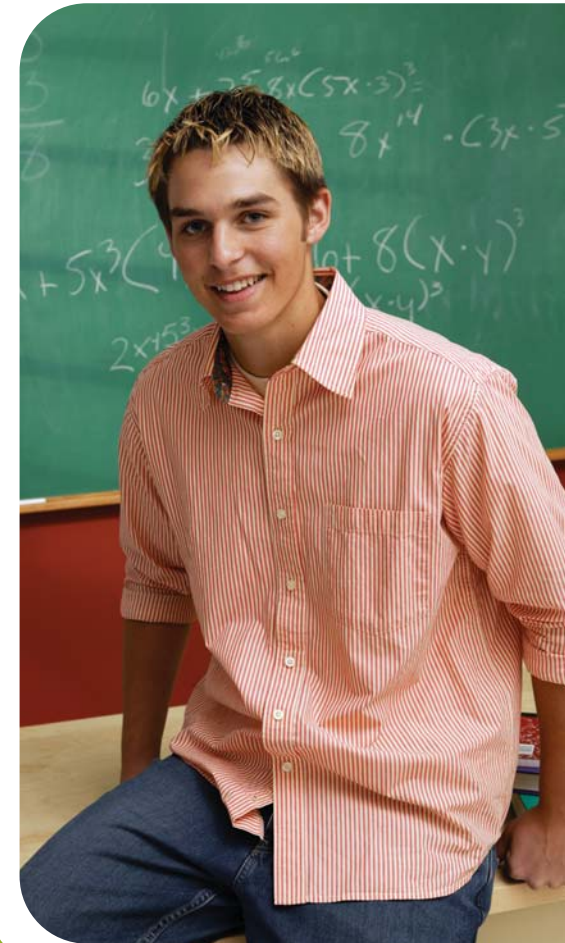
www.pcsb.org

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Brochure information is subject to change.

Center for Advanced Technologies

LAKESWOOD HIGH SCHOOL



MAGNET SCHOOLS & PROGRAMS

LOOK • EXPLORE • DISCOVER



look · explore · discover

ABOUT US

Lakewood High School opened in 1966 and was named for the residential neighborhood in which it is located. The school has grown since it opened adding several new wings and the state-of-the-art technology building that houses the nationally recognized magnet program, the Center for Advanced Technologies. The school holds its relationship with its community in high esteem. A variety of academic choices are offered, including Smaller Learning Communities and the academy for Marine Science and Environmental Technology. The curriculum meets the needs of those students seeking business, environmental technologies, cultural studies, athletic-related profession and rigorous college preparatory programs.

areas of study

MATHEMATICS, SCIENCE, COMPUTER EDUCATION, MULTIMEDIA APPLICATIONS, RESEARCH

The Center for Advanced Technologies (CAT) offers a rigorous four-year academic program emphasizing:

- Advanced mathematics
- Advanced science
- Computer applications/programming
- Multimedia/television production
- Scientific research

Students who graduate from the CAT program are prepared for careers in: engineering, architecture, medicine, multimedia technology/production, scientific research, computer programming, computer graphic design/production, television production.

The program provides real-world experiences through partnerships, mentorships and apprentice opportunities

what is a magnet?

Magnet programs focus on a certain theme with specialized curriculum in areas such as arts, communication, science and technology, and gifted studies. Some programs have eligibility requirements. Students living anywhere in the county may apply.

ACTIVITIES AND CLUBS

While enrolled in this magnet program, students have the opportunity to participate in the following activities and clubs:

- Academic team
- All sports teams: baseball (boys) basketball, cheerleading, cross country, flag football (girls), football, golf, soccer, softball (girls), swimming, tennis, track, volleyball (girls) and wrestling
- CATCom multimedia organization
- Debate team
- Drama Club-Thespians
- French Club
- French Honor Society
- Future Business Leaders of America
- Mu Alpha Theta
- National Honor Society
- Newspaper
- Principal's Multicultural Advisory Committee
- Robotics Club
- Spanish Club
- Spanish Honor Society
- Student Government
- Technology Honor Society
- Yearbook
- Youth Crime Watch

HIGHLIGHTS

- State-of-the-art equipment
- Strong emphasis on research
- Participation in local, state, regional and international science fairs and competitions
- Hands-on application of curriculum
- Cross-curriculum integration of topics
- Participation with local multimedia organization
- Academic coaching
- Alumni Network
- A 4,000 sq. ft. Applied Research Laboratory
- The CAT Multimedia Laboratory with sophisticated computer graphics work stations and a fully equipped TV studio

