

ACADEMIC PROFILE

The Center for Advanced Technologies (CAT) program at Lakewood High School is an academically rigorous program in which students participate in honors or Advanced Placement (AP) level courses in math, science, computers, social studies or language arts. In addition, students in this program participate in elective courses which may include technology, world language, robotics, or other honors and AP level academic electives. Students who typically do well in this program earn mostly As and Bs on their report cards, maintaining a 2.5 average and earn a score of 325 or higher on their FSA mathematics and language arts assessments.

Most students will also have completed and passed Algebra I prior to entering 9th grade. Students new to Pinellas County Schools who do not have an FSA score, can look at their standardized test scores from their previous school to determine if they have at least a 4 stanine or higher in both reading/language arts and mathematics. Once enrolled in the program, students must attend all classes regularly, maintain a minimum unweighted GPA of 2.5 and earn a passing grade in all courses attempted as well as abide by the Code of Student Conduct. Falling below these expectations may result in placement on probation and/or dismissal from the program. Please review the District Application Program Procedures available on the Pinellas County Schools website for further information.



POINTS OF PRIDE

- CAT recognized as 16th 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.
- 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
- Leads all Pinellas schools with Industry Certifications
- Platinum winner (overall 1st place) in the 2014 Intranet Global Innovation Awards
- One to one tablet initiative
- Oculus Project
- 4 year Engineering/Robotics honors program
- Top 5 STEM programs in country
- 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.pcsb.org
(727) 893-2926

Erin Savage - Principal

Andrew Oyer - Assistant Principal



Vision: 100% Student Success

Mission: "Educate and prepare each student for college, career and life."

The School Board of Pinellas County, Florida, prohibits any and all forms of discrimination and harassment based on race, color, sex, religion, national origin, marital status, age, sexual orientation or disability in any of its programs, services or activities.

www.pcsb.org

Brochure information is subject to change.

Center for Advanced Technologies

LAKEWOOD HIGH SCHOOL



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 the Academy for Marine Science and Environmental Technology and the Journey in Journalism programs. 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

- Cybersecurity
- Robotics

The CAT program is a Microsoft Showcase School. 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.

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
- Chess Club
- Debate team
- Drama Club-Thespians
- Future Business Leaders of America
- Key Club
- Marching Band
- Mu Alpha Theta
- National Honor Society
- Newspaper
- Principal's Multicultural Advisory Committee
- Robotics Club
- Spanish Club
- Spanish Honor Society
- Student Government
- Yearbook
- Key Club

The program provides real-world experiences through partnerships, mentorships and apprentice opportunities with community businesses. Students are required to complete an in-depth research project.

The program also provides hands-on, student-centered laboratory experiences in mathematics, science, research, computing and multimedia.



lakewood high school

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