



Palm Beach Central High School

C h o i c e P r o g r a m s

Engineering (Project Lead the Way)

The PBCHS Engineering Academy is affiliated with Project Lead the Way (PLTW - www.pltw.org), a not-for-profit organization that forms partnerships with public schools, colleges, universities and the private sector to increase the quantity and quality of technically trained students graduating from our educational system. Through a series of four courses, students experience an engaging, hands-on classroom environment, empowering them to develop in-demand knowledge and skills they can use to thrive in the workforce. Students gain knowledge in computer aided design, engineering fundamentals, technical communication and a variety of engineering programs.

Eligibility Requirements - 2.5 GPA



Courses and Experiences include:
Introduction to Engineering Design
Principles of Engineering
Digital Electronics
Civil Engineering and Architecture

Possible Certifications:
AutoDesk Inventor
AutoDesk Fusion-360
AutoDesk Revit
Florida Engineering Society



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Extracurriculars

Honor Societies

English Honor Society
Environmental Honor Society
French Honor Society
International Thespian Honor Society
Mu Alpha Theta (Math)
National Art Honor Society
National Athletic Honor Society
National Honor Society
National Speech and Debate
National Technical Honor Society
Rho Kappa (History)
Science Honor Society
Spanish Honor Society
Tri-M Music Honor Society

Student Organizations

Black Student Union
Crochet Club
Culture Club
Dance Team
Film Club
Finance Club
First Priority
Game Club
GSA
HOSA
JSU
Mindful Matter
MOSS
Women of STEM

Co-Curricular Clubs

Academic Challenge
Best Buddies
Book Club
Bronco Olympians
Chess Club
Culinary Club
Debate Team
Drama Club
Engineering Club
FBLA
FFEA
First Robotics
French Club
Literary Magazine
Model UN
Newspaper
Pathfinders
Student Government
SECME
SS Academic Games
TAG
Women of Tomorrow
Yearbook

Service Clubs

Beta Club
Key Club
UNICEF
Red Cross

Fall Athletics

Bowling (Girls & Boys)
Cross Country (Girls & Boys)
Football
Golf (Girls & Boys)
Sideline Cheer
Swim and Dive (Girls & Boys)
Volleyball (Girls)

Winter Athletics

Basketball (Girls & Boys)
Cheer
Soccer (Girls & Boys)
Competitive Cheer
Weightlifting (Girls)
Wrestling (Girls & Boys)

Spring Athletics

Baseball
Beach Volleyball
Flag Football
Lacrosse
Softball
Tennis
Track & Field
Volleyball (Boys)
Water Polo
Weightlifting (Boys)

