

## Work Ethic & Character Development

James Irwin Charter Schools is named for Apollo 15 astronaut James Benson Irwin, who lived in Colorado Springs until his death in 1991. While safety always comes first, Power Technical's goal to teach character and work ethic is equally as important as academics or shop class. Every student is required to take a character/ethic class each semester for their time at PTEC.

### Required Character Courses

- 6th Grade: Study Skills, Peer Pressure & Bullying
- 7th Grade: Setting Goals, Time Management & Peer Relationships
- 8th Grade: Work Ethic & Health and Wellness
- 9th Grade: Character & Ethics / Speech Communication
- 10th Grade: Leadership & Citizenship
- 11th Grade: Business Management & Financial Ethics
- 12th Grade: Personal Finance (Dave Ramsey) & Entrepreneurialism

*"One of the best things I've ever done for my son was send him to PTEC. He's learning skills that will give him a career and help him thrive. Even better, the teachers and staff, sincerely care about the students, not only academically but also, personally!!*

*E. Gallegos*

## PTEC's Mission

*The mission of Power Technical Early College is to prepare students to enter the workforce with the skills necessary to be successful in a trade while also having the character and work ethic to become the most valuable members in their chosen trade.*

*These goals will be attained through student and activity centered projects that develop academic, technical and team skills.*

## APPLY NOW

<https://jamesirwin.schoolmint.net>

(Type in James Irwin Charter School for School/District.)



**Power Tech**  
2525 Canada Drive  
Colorado Springs, CO 80922  
[www.jamesirwin.org](http://www.jamesirwin.org)  
719-301-6200



# Power Technical

a James Irwin Charter School

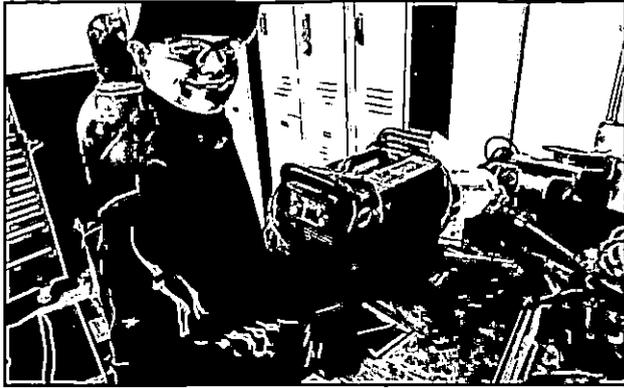


- Grades 6-14 tuition-free public D49 charter school.
- Pre-Engineering.
- Hands-on, lab-based learning.
- PTEC pays tuition for student to earn an Associate's Degree.
- Located one block east of Constitution and Peterson Road

**NOW Enrolling**  
**Grades 6-10**

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# Leaders of Tomorrow: A Complete Education Plus Tuition-Free Associate's Degree



According to the most recent Manpower Group Survey (2018), the percentage of employers who are experiencing difficulties filling job vacancies continues to rise.

Nationally and globally, skilled trade workers rank #1 as the most difficult jobs to fill in 2018.

*Forbes* magazine warns that if we think filling skilled-trade jobs is difficult now, wait a few years. As the already aging skilled workforce retires, the U.S. could be faced with more than three million unfilled skilled trade jobs by 2030 by many estimates.

## Stackable Industry Certifications

During shop classes, students have opportunities to earn industry recognized certifications that will follow them long after graduation.

PTEC graduates will be effective communicators, analytical thinkers, and team players. Today's global work climate requires employees to be accountable for themselves as well as have the ability to work in a team environment, communicate well with other trades and craftsmen, have the analytic skills to make logical decisions, and have a vision of the bigger context of a project.



Students may choose to stay with PTEC after 12th grade and will be allowed to attend Pikes Peak Community College to earn a tuition-free Associate's Degree in any of these majors:

- Machining Technology
- Architectural Engineer / Construction Management
- Welding
- Computer-Aided Drafting
- Electronics Technology

PTEC provides the James Irwin character development and a solid academic education. Additionally, PTEC offers shop classes 90 minutes per day learning valuable skills in pre-engineering, woodworking, welding, CAD, construction, machining, electronics, and many other fields. Concepts learned in math, science, history and English are immediately applicable to projects in shop classes.



## PARTNERSHIP WITH THE HOUSING & BUILDING ASSOCIATION (HBA)

PTEC is proud to partner with the HBA. Composed of hundreds of companies in the construction industry, the HBA is currently paying for our students to earn certifications in the industry. Additionally, each PTEC student will have the opportunity to work on the construction of a home that will be built on the PTEC property.