

Preparing to Become

The Most Qualified Applicant

iLEAD Academy Engineering Pathway

SOFT SKILLS

- Communication
- Problem solving
- Passion for learning
- Curiosity
- Creativity
- Teamwork
- Cultural competence
- Ability to fail/learn
- Project/time management

SKILLS

- Effective Research
- Data Collection & Modeling
- 3D Design
- Documentation of Design Process
- Construction Principles
- Advanced Manufacturing Principles
- Electrical Circuits
- Mechanical Advantage & Applications
- Basic Coding
- Graphic Information Systems

WORKPLACE EXPERIENCE

- Job shadowing
- Internship
- Team projects
- Mentoring

EDUCATION

- High School Graduation Plan
- Associate Degree Plan
- Post-Secondary Plans

PROFESSIONAL PRESENCE

- Professional resume
- Portfolio showing hands-on experience
- LinkedIn profile
- Interview skills

