

Guiding Principles: Energy Institute High School

Guiding Principles articulate a school's vision, values, hopes and ideals to the design team. Guiding Principles will be used to "test" the decisions that are made throughout the design process, since every element of the building must be created to support the school's vision and values.

Energy Institute High School's Guiding Principles:

1. **TWENTY-FIRST CENTURY SKILLS/PROJECT BASED LEARNING CAMPUS:** Students at Energy develop 21st century skills through our campus wide implementation of project based learning. Our space should:
 - a. Provide open, flexible, collaborative, and creative space for students to work in project teams.
 - b. Allow for students to have individual focus work areas when needed, and space for students to collaborate with multi-media.
 - c. Provide presentation spaces for practice as well as professional presentations in front of panels of experts.
2. **TECHNOLOGY:** Continuously updated technology is a priority at Energy. Our space should include:
 - a. A school structure that lends itself to current and future technological updated.
 - b. Technology to be seamlessly integrated into our workspaces.
3. **PATHWAYS:** Energy has three pathways for students: Offshore Technology, Geoscience, and Alternative Energy. Our space should include:
 - a. Areas for students who select each of these three pathways to form a learning community.
 - b. A way to use space within each area to highlight information regarding the pathways.
 - c. Lab space that exceeds the needs of these specialized curriculums.
 - d. Eco-friendly concepts that are an appropriate examples of energy usage.
4. **ENERGY COMMUNITY:** Energy Institute High School is part of a larger energy industry. Houston is the energy capital of the world. Our facility should include:
 - a. Space that can serve as a nexus where industry and the local community can come together to develop partnerships and provide educational experiences.
 - b. A learning community within our building where the architecture and structure inspires and doesn't limit thinking and learning. All space and structures should become part of the learning from wall to window and ceiling to floor.