

## Synergis Student Architecture Competition 2013 Rules and Guidelines

### Rules:

- To enter, you must be a k-12 student or team of k-12 students (up to 3 students per team).
- You must send in a competition registration Form by March 1, 2013. 1 per team. Can be faxed or emailed.
- You must submit via thumb drive, or disk a digital portfolio of you project. The project must follow the guidelines or could chance not being included in the voting. Your project portfolio should not be more than 20 pages (preferably in a .pdf file, with original design files in .rvt format). See ideas for completing your portfolio below in the guidelines.
- The top three designs chosen by industry professionals will be posted to our website no later than May 1, 2013. Voting on the designs will happen on Facebook and the design with the most likes by May 30, will be the winner.

Hard copies of the portfolios are to be sent to:  
Attn: Christina Smith/Competition  
Synergis Engineering Design Solutions  
472 California Road, Suite 100  
Quakertown, PA 18951

If you have any questions about the competition or requirements, please send your inquiry to [academicsupport@synergis.com](mailto:academicsupport@synergis.com)

### Project Guidelines:

This year, the challenge is based around adaptive reuse. A good portion of today's construction is re-construction projects. In this real-world scenario, students will begin with AutoCAD drawings of existing buildings and create a space for a children's museum while respecting the era of the original building's design.

DWG Files here. If they are not currently linked, please contact us to have them sent at [events@synergis.com](mailto:events@synergis.com).

[Pictures of current structure/location here](#). Will link here

Floor to floor heights:

- Basement to Street Level = 5' 10"
- Street Level to Level 1 = 1' 2"
- Level 1 to Level 2 = 12' 10"
- Level 2 to Level 3 = 12' 0"

Additional Information to Consider:

\*This is a made up building, with shots from real places to give you ideas about the type of location you would be designing. If you opt to do energy or light analysis, You can use any location in Bucks County, PA where the front of the building (Main St.) faces south.

There is considered ample parking on the front side of the building (on the main street) and additional parking lot around the corner, on the alley at the back of the building. Some businesses have attempted additional entrances at the back of the buildings with marginal success. The Judges will not consider it right nor wrong if the students choose to have entrances at the front only, or front & back entrances. There is no wrong solution with this aspect of the building.

The wall down the middle of the two buildings is load bearing.

### Ideas for your portfolio:

- Original sketches or ideas
- If you worked as a team, who are the people on your team and who contributed to which parts of the design process.
- Explanation of materials, systems, design ideas, etc. and how you chose them
- General process of the design
- Your own ideas and creativity

### Prizes:

In addition to recognition for their accomplishments, winning projects will receive monetary awards as follows.

- First Place:
  - \$1,000 to split among the team
  - The opportunity to present their project at Synergis University on June 6, 2013.
  - Have their designs on the website and at Synergis University.
- Second Place:
  - \$500 to split among the team
  - Attend Synergis University on June 6, 2013.
  - Have their designs on the website and at Synergis University
- Third Place:
  - Have their designs on the website and at Synergis University

### Competition schedule:

The schedule for the competition is as follows:

**November 1, 2012:** Competition registration begins.

**March 1, 2013:** Registration forms required.

**April 15, 2013:** Submissions required.

**May 1, 2013:** Submissions added to Facebook page for voting.

**May 30, 2013:** Winners announced.

**June 5, 2013:** Synergis University - First place is offered a time to present their project