



2025 Art In Architecture Student Design Competition

Program Requirements and Submission Guidelines



AIA Dayton's Art in Architecture Student Design Competition

AIA Dayton welcomes you to The Art in Architecture Student Design Competition. The 42nd annual competition is an extra-curricular activity that introduces you to architecture through participation in a design project. You will be provided with the opportunity to interact with design professionals who will serve as mentors and assist you in this learning experience. All students are encouraged to seek the help of an advisor or teacher. We are offering some great prizes, including college scholarships for the top participants. The Honor Award college scholarships can be used at any college of the winner's choice. All awards will be announced at the Awards Presentation at the end of the competition.

Eligibility



The program is designed for college-bound high school students, grades 9 through 12, interested in art, architecture, or design. The competition is open to all students within AIA Dayton's nine-county geographic region (Champaign, Clark, Darke, Greene, Logan, Miami, Montgomery, Preble and Shelby Counties) and/or zip codes beginning with 453, 454, 455, and 458. The event is limited to the first 80 students who return their registration form with the \$25 per student registration fee. Teachers and advisors are encouraged to share in the fun and can register for free. Teams are not permitted. Instructors, architects, college architecture students, friends, family, and other competition entrants may advise you, but the work is to be your own.

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Questions and Communication

Competition participants may address questions about the competition or project to AIA Dayton at info@aia.org/dayton. A member of the Student Design Committee will respond in a timely manner. If you wish to have a personal design mentor that can advise on your projects via email, please contact lauren.mccarroll@thinkchamplin.com, and we will get you in contact with a local design professional.

Jury

The competition will be judged by a distinguished group of architects and design professionals, community members or project stakeholders.

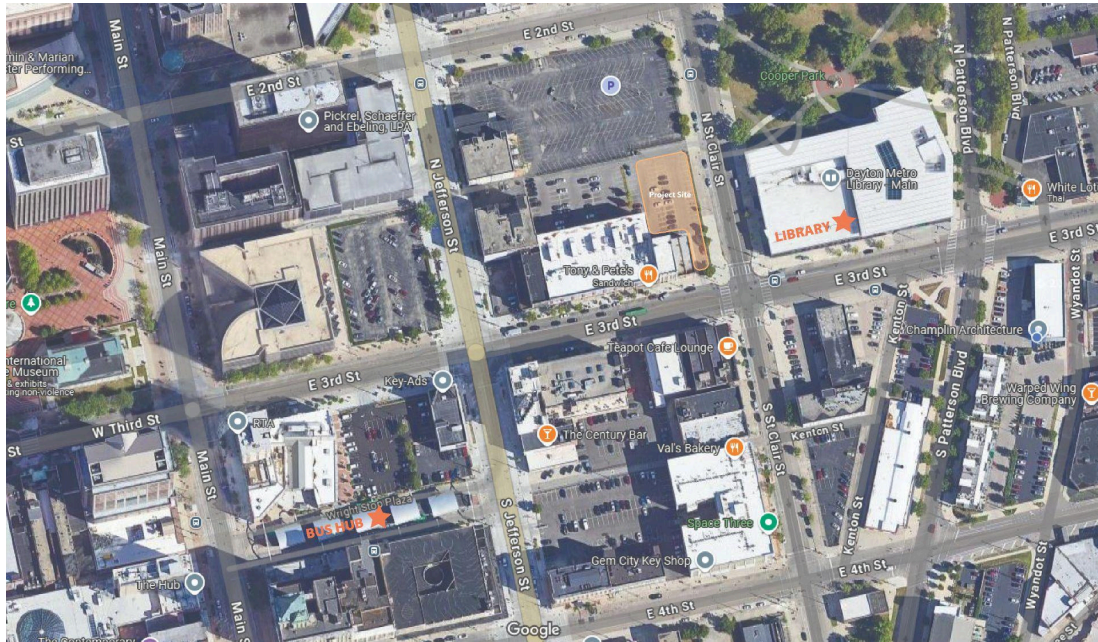
Awards

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|---------------------------------|--|
| Honor Award: | Monetary Scholarship |
| Merit Award: | Monetary Scholarship |
| Honorable Mention (2): | Architectural book award |
| Future Architect Award: | Awarded for a great concept |
| Master Craftsperson Award: | Awarded for the best model |
| Most Creative Use of Materials: | Awarded for creativity in the use of materials |

*Scholarship money will be given to the school's Bursar's office upon receipt of proof of enrollment. In the event a scholarship winner is unable to use the award, it will be donated to the next AIA Dayton Student Design Competition.

The Project:

Site: Found in Downtown Dayton in close proximity to the RTA Bus Hub and Dayton Metro Library Main Campus at 21 and 33 N St. Clair St.





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Program

What is a third place? Many of us have a first place which is our home where we reside, while many have a second place which is our school or our workplace. There are also third places that connect us to others in our community when we want to get out of the house, but don't necessarily have school or work to attend to. These third places include parks, places of worship, libraries, recreation centers and more.

In Dayton, school aged teens are in a need of a third place specifically for them! Thousands of students travel through the RTA Hub every month in downtown Dayton to get to and from school. While waiting on buses, students need a place to hang out, eat, and play after school near the bus hub.

This project is for teens, designed by teens. As a student, what do you think your generation would like to see in a youth hub in downtown Dayton? Use your creativity to solve this design challenge for teens just like you! Take advantage of the full site by incorporating both interior and exterior design spaces. Keep in mind that, even with a small footprint, your design can include multiple stories in height, but no more than three stories total. Please note the following programmed spaces, do not have to be its own walled room. Some programmed spaces could be shared (i.e. Cafe and lobby). The space can be defined by furniture, flooring patterns, and other strategies to divide open spaces. Use your creativity and consider the circulation of the space to plan adjacent programs.

The Youth Hub shall have the following (all square footages are approximates):

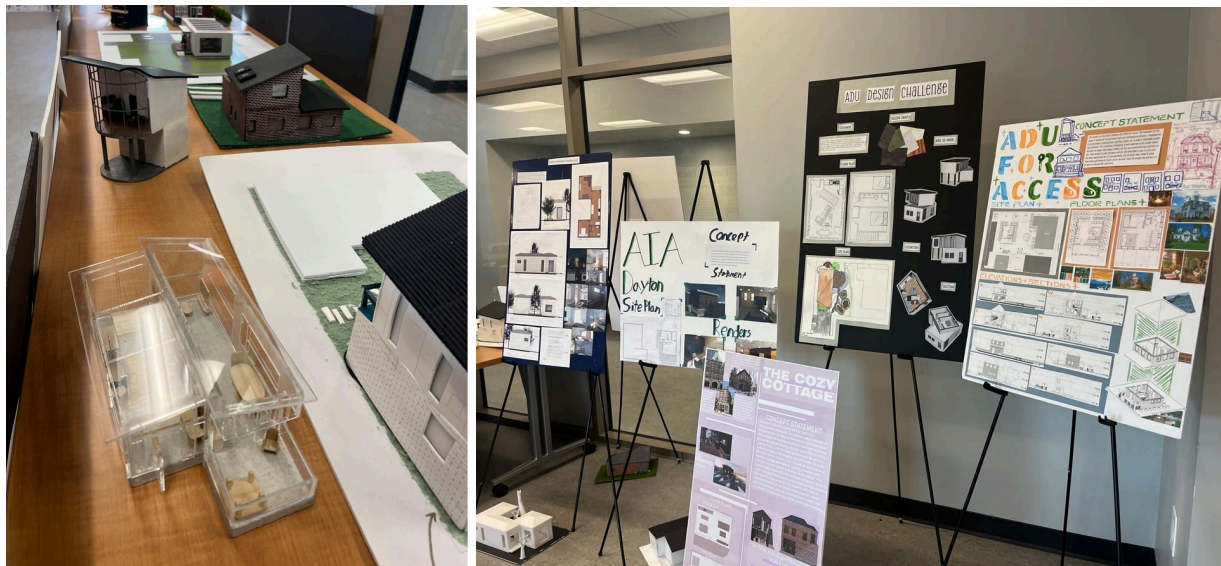
| | |
|---|-------------------------------------|
| TV/Movie Lounge | ~600 SF |
| Cafe (with seating) | 400SF-700SF |
| Mental Health Counseling | 2 Offices Min. @ approx. 150SF each |
| Multi-Purpose Classrooms <i>(Driving School, Finance Classes, etc.)</i> | 400SF-600SF each |
| Outdoor Space | Variable |

Choose 2-4 of the below program to include in your design based on your interests:

| | |
|-------------------------|---|
| Recreation Space | Variable |
| Music Room | 100SF-600SF <i>*can be several recording pods or a large space</i> |
| Game Room | 400 SF-600SF |
| Art Gallery | Variable <i>(can work in conjunction with other shared spaces)</i> |

Support Spaces:

| | |
|------------------------------------|---|
| Restrooms (2) | 200SF each (atleast one ADA accessible stall per restroom) |
| Janitorial | ~60 SF |
| Lobby and Welcome Center | Variable |
| Optional: Parking for staff | 6-10 spaces |



Required Drawings + Model

The minimum drawings required for your presentation are listed below. There is a lot of information that needs to be on your project board and careful consideration must be given to the layout to clearly demonstrate your design to the judges. Clearly label all drawing views and scales, if applicable. Clearly label all drawing views and scales. All work is to also be displayed on 1 (one) 24" X 36" foam core board oriented vertically. Three- dimensional objects attached to the board may project outward from the board up to six inches. Use white glue such as Elmer's or Sobo, spray glue such as 3M Spray Mount, or heavy -duty double stick mounting tape. These projects will be hung in a gallery, so make sure everything is firmly attached.

On your board, please include, at minimum, the following (note that recommended scales are for drawing purposes but will then be adjusted to fit on your slide--don't "stretch" your images!):

- Concept Statement: what inspired your design? (150 words max.)
- Site Plan of the area directly around your design 1/16" = 1'-0" (if you prefer to show more than the lot of the site, you can decrease your scale to include more of the surrounding context)
- Overall Floor Plan (1/8" or 1/16" = 1'-0" recommended scale)
- Elevation (1/8" or 1/16" = 1'-0" recommended scale)
- Section drawing (1/8" or 1/16" = 1'-0" recommended scale)
- Three-dimensional rendered perspective(s)
- Please consider the additional deliverables below:

Other elements to consider adding to your board include:

- Collage of images that inspired your design
- Concept sketches showing progression of ideas
- Material samples being used in the design
- A diagram outlining site research or early design choices
- Any extra details to enhance the design or graphic presentation



Model

Please include a physical model as well. A model is a great way to demonstrate scale, form, proportion and materiality of your project. The model should be built to 1/8" = 1'-0" scale. Your physical model can be constructed of materials of your choosing, including but not limited to, chipboard, foamcore, cardstock, or even can be 3D printed. Although no interior layout is required in your model, you are welcome to create models that allow you to view the interior if you choose (i.e. removable roof). Be creative, and use your model to showcase your design!



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Your presentation must convey the design intent as fully as possible. Your visual presentation of your design will help you stand out to the judges and will be what truly conveys the intent of your design. Drawings and graphics may overlap so long as they are distinguishable from each other. Be creative and try your hand at using various colors and textures as they relate to your design. Feel free to annotate your work.

Submission Entries

Judging is anonymous, **please do not disclose your name, school or any identifying information on your board.** All entries must have a sealed envelope securely fastened to the back of the presentation board. The envelope will contain a copy of the entrant's name, school, and grade. Entries having the student's name or that of the school displayed in any way on the front or back of the presentation board, or on the model, so as to disclose their identity will be disqualified. There is no limit on the number of entries per school.

Ownership

Once submitted for jury, the projects are the property of AIA Dayton. AIA Dayton shall have the right to publicize, display, or authorize the reproduction of any and all design submissions, in each case giving proper credit to the designer. All entries are submitted at the designer's risk. AIA Dayton may choose to hold or release the projects at its discretion.

Project Display and Awards Ceremony

The awards ceremony and scholarship announcements will take place in April. Winning projects will be highlighted on the AIA Dayton website and may be shown for public display.

Schedule

The schedule begins with a charrette - a fun, fast-paced creative workshop. The charrette will feature local community partners and a tour of the project site. Working with AIA Dayton architects, participants will enjoy creative and challenging design exercises.

January 18, 2024

Charrette + Project Introduction 10am-1pm

Registration deadline @ 10:00am

Location:

Main Branch Library, 215 E 3rd St, Dayton, OH 45402



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Weekly design reviews will be back again this year at the Main Branch Library downtown. All students are welcome to attend. Each week we'll have a particular focus to guide students through the design process. Architects and designers from Hatch Architects Design Center and AIA Dayton will be available to help answer students' questions. Weekly design sessions will be held on Thursdays from 3pm-5pm starting on January 23rd in the Parkside Group Study Room 2B.

There are also virtual design reviews available by request. If you would also like to schedule a small group Zoom meeting, you can contact Lauren at lauren.mccarroll@thinkchamplin.com and we will be happy to set you up with a design professional.

Lastly, if you are interested in scheduling an in person design review with your class or group at your school, you can also contact lauren.mccarroll@thinkchamplin.com to organize a feedback session.

March 20th, 2024 **Submission due** between 4:00 PM and 6:00 PM

Location: Southeast Branch Library:

21 Watervliet Ave. Dayton, Ohio 45420 (next to Belmont High School)

If your school is to have their spring break the following week, please contact us and we can arrange an earlier day to collect your submission.

April 5th, 2024 **Awards Program & Ceremony** 10:00AM-12:00PM

Location: Southeast Branch Library:

21 Watervliet Ave. Dayton, Ohio 45420 (next to Belmont High School)

Please refer to the registration form to enter.