CCCAP Student Design Competition 2017

DESCRIPTION: Community Museum

The project is a community museum. The theme of the collection is up to each student. It might be art, history, environmental, commemorative or another topic meaningful to the community selected. The theme should be articulated in each student’s project description. The students should strive to create a sense of community through the theme and develop a space that will be responsive to the requirements of the exhibit materials through light and scale and include a relationship with nature through the integration of an outdoor space. Designs should demonstrate a responsible relationship with the environment through the use of sustainable and recycled materials and alternative energy sources.

COMPETITION ORGANIZERS: CCCAP, Inc

The Coalition of Community College Architecture Programs [CCCAP] is a non-profit 501.3(c) membership association founded to advance the recognition of community college architecture programs. Members in CCCAP represent community college architecture programs [i.e. CCAP] across the country. Since its' first work session in 2012, the CCCAP has achieved 501.3(c) status, collected data from all 122 programs, applied for a NSF grant to research the impact of courses on sustainable design within architectural educational institutions, held national conferences in Denver, Chicago, and Atlanta and made presentations to the ACSA Administrators’ Conferences 2013 and 2014 as well as the ACSA National Conference 2014, and AIA National Convention 2015.

See www.cccap.org for more information.

The CCCAP is committed:

- To establish transfer/articulation agreements between Architecture Programs in community colleges and schools of architecture,
- To increase the racial, gender, cultural, and socio-economic diversity within the architectural profession,
- To support dialogue, share best practices, and collaborate as a network among Architecture Programs in community colleges and architectural academic and accreditation institutions.
Community Museum:

**Site:** The problem requires you to design a museum and an outdoor exhibit or gathering space on a site of your choice. The student should identify a specific site of no more than 60,000 square feet, approximately 2 acres. The site must have vehicle access and natural features or urban context that will enhance the users’ experience.

Site considerations include the relationship of the museum to its context, site topography, orientation or any other features. The building should conform to local zoning requirements regarding setbacks. If there are no published zoning requirements the enclosed building should have a minimum 25-foot setback from all property lines.

**Function:** The complex is to be used for the exhibit of materials appropriate to the museum theme. Students do not need to define the specific materials but should identify the types of materials. For example, a museum based on the history of a specific locale might include historic documents, artifacts, and reconstructions or an art museum might contain paintings, sculptures, and crafts or only paintings. The space will also accommodate a variety of activities including:

- Educational presentations
- Exhibit administration
- Exhibit preparation, maintenance and storage

The major objective of the design should be the creation of a space through light, scale, form and structure that will display the exhibits while promoting a sense of community.

**Program Requirements:**

**Dimensions:**
Dimensions are determined by the following program requirements. Areas are approximate:

- **Galleries:** All galleries should have a clear span and provide space that can be reconfigured to changing exhibit requirements. Design should include a possible exhibit configuration.
  - 1 large main gallery space – 5,000 square feet
    - This space needs to be larger than the other exhibition spaces. The dimensions of the space can vary according to the shape of the space but the smallest dimension should be no less than 60 feet. The shape and dimensions should be based on the exhibit materials requirements and must clearly be the primary space of the museum
  - 3 separate secondary exhibition spaces – 1,000 square feet each
    - These spaces are secondary and less significant in size, placement, and treatment. They can house temporary or permanent exhibitions.

- **5 Outdoor space** – 2,000 square feet minimum each
o These spaces include an exhibition space, a classroom, a dining space and/or an undefined public space.

o One of these spaces should have a strong relationship with the building with its’ dimensions in proportion to the rest of the building and to its specific use. Students should define a single use for this space, rather than flexible functions. The other four spaces are flexible both in terms of function and relationship with the building but should have a clearly identified role in terms of the building program.

- 1 Classroom/Assembly - 2,500 square feet
  o This space should be appropriate for formal presentations or interactive activities. It should also have the potential to be used for community or private events. Appropriate screen and projection equipment and proportions to support formal presentations are necessary. Design should show this space with furniture set up for one of the defined activities.

- Café and Gift Shop - 750 square feet each
  o Café will serve packaged items prepared offsite and does not require food preparation spaces. It should include a service counter and seating for 20 people. Design should show space with furniture.

- Reception/Lobby - area to be determined by design configuration
  o Vestibule/Airlock to provide a place for transition from exterior and interior.
  o Lobby Area for access to the museum other spaces should provide space for reception/ information desk and spaces to accommodate the storage of coats, extra seating, tables, and other needs.

- Administration Suite
  o These spaces should be grouped together in a suite that is separated from the public spaces and adjacent to the exhibition support spaces.
    o Gallery Director - 225 square feet
    o Curator - 150 square feet
    o Clerical Staff – 200 square feet
      ▪ This space will act as administration office reception and waiting space. The space needs to include a waiting area to accommodate seating for 4 people.
  o Office supply storage to serve the administrative area 100 SF

- Exhibit Preparation and Storage
  o Separate exhibition support spaces for exhibition storage and staging and loading and unloading. There should be a separate exhibition storage space and a separate exhibition prep space. These spaces should be large and adjacent to each other and the loading dock area. They should also be accessible to the gallery spaces they serve.
• Exhibition Prep Area-750 SF
• Exhibition Storage-400 SF
• Loading Dock-Large enough for panel truck access

**Facility support spaces**

• 1 janitorial closet with a mop sink- 75 SF
• 1 mechanical room 150 SF
• 1 electrical room 100 SF
• Separate Mens’ and Womens' public restroom facilities with 3 water closets (flush valve toilets) and 2 lavatories (sinks). These restrooms must be ADA compliant.
  - See ADA diagrams for space requirements and configurations. Sizes may vary by configuration.
  - Include a public water fountain

**Students may not add spaces and must strictly adhere to this program.**

Successful designs must meet project's goals and objectives. Total design must not exceed 20,000 total interior square footage.

**Objectives:**

The objectives of this exercise:

• To demonstrate the “Symbolic”
• To explore the relationship between building and exhibit
• To choreograph the circulation through the exhibits
• To modulate the quantity and quality of light to support and protect the exhibits while enriching the visitors experience.
• To employ sustainable strategies in all aspects of building and site design

**Presentation Requirements:**

*(Submissions that do not conform to these requirements will not be accepted.)*

- A Project Description Document [maximum 500 words] which explains the museum theme and design concept. Provide an adequate description of the exhibit materials for the judges to be able to evaluate the effectiveness of the design. It may include actual images of proposed exhibit items.
- A single digital file of a single design panel 24"x36" size, *portrait direction only*
- File format & size: Both files must be *.pdfs with the design panel less than 20MB.
- Official language is English.
- **Personal information that includes applicant's identification should not be included in either document.** Only the title and the registration number should be specified on the project description and the design panel page.
- Registration number – to be provided after the completed registration is received.
Required Drawings: (include graphic scale on all scale images)
1. Floor plan (floor plan and site plan may be combined into one image)
2. Site plan
3. Building section(s)
4. Exterior Rendering
5. Interior Rendering
6. Any additional drawings that help the jury understand your design

Schedule:
- **Registration:** February 1 through March 1, 2017
- **Submission Deadline:** May 1, 2017 5:00 PM Central Daylight Savings Time
- Announcement of winners: May 16, 2017
- Exhibition at CCCAP National Conference 2017 in Austin, Texas, June 8 - 10, 2017

Application Guideline Eligibility:
- Community College Architecture Program students and all other Domestic or International undergraduate architecture students who are NOT beyond sophomore level in their architectural studies
- Students on leave of absence if they are NOT beyond sophomore level in their architectural studies
- Single Individuals or Teams [limited to a maximum of 4 students]

Judging Criteria:
- Projects will be judged holistically on their overall creativity, efficiency, flexibility, and beauty. Remember that the judges are looking for innovative solutions.

Prizes and Awards [each valued up to $500]: One Individual or Team per Prize
- Grand Prize: Best overall design
- Green Prize: Best design in terms of energy consumption/environmental strategies

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Registration Procedure:
- Registration should be submitted by the instructor sponsoring the entry
  - One application should be used for multiple entries with the same instructor
  - All official communications will be sent to the instructor
- **Submit the attached excel registration form to:** osterg@cod.edu
  - **Subject line should be** “CCCAP Design Competition 2017 Registration”
- Changes in application not permitted after application deadline
Submission guidelines:

Each entry will submit two files:

- Digital file of your design
- Project Description Document

STUDENT’S NAME, SCHOOL, OR ANY OTHER IDENTIFYING INFORMATION MAY NOT BE INCLUDED IN EITHER DOCUMENT

Digital Design files including your design must be described as below:

- File must be titled with your registration number, which you will receive via email to the instructor after you have registered.
- 24”x36” size, portrait direction only
- pdf, must be under 20MB
- Include a 2”x3” rectangle in the lower right hand corner of your presentation with your registration number. There should not be any other identification information on your project.

Project Description Document should be no more than 500 words as a separate PDF document.

- File must be titled with your registration number.
- Include the same file title as noted above and your project title at the top of the page.

Submission Process

Projects will be submitted through Submittal.com, a digital exchange system. You will receive an email after your registration has been received with instructions for using the system.

Other

1. Works submitted to other competitions or plagiarized are eliminated from judging. Even if such works win a prize, the prize will be revoked later.
2. Submissions that do not comply with competition rules or formats might be placed at a disadvantage during judging.

The organizer retains the right to publish, reproduce, distribute, and hold exhibitions regarding winning entries to the competition.