Purpose of Competition

The HAW Housing Competition serves as an opportunity for instructors to build a service-learning course by utilizing competition elements to enhance learning objectives of their course. As a student, this is an opportunity to gain hands on, practical experience in design team management, communication, and team development skills all which applicable in real world working environments. The competition includes an educational panel (jury) with community leaders and an opportunity to meet with a community agency beneficiary, Mad Housers. For all participants this event will bolster an awareness of the critical elements and needs regarding housing disparity within our community.
Background and Intent

MAD HOUSERS Inc. is an Atlanta-based non-profit corporation engaged in charitable work, research and education. Their charter outlines the following goals and purposes:

• To provide shelter for homeless individuals & families regardless of race, creed, national origin, gender, religion or age
• To develop low income housing for people in need of housing
• To help people develop the skills and knowledge for constructing and rehabilitating housing and shelter
• To increase the quantity and to improve the quality of housing in the world
• To act, if necessary, as an advocate for the homeless, to ensure that their moral and civil rights are protected

Base files for the Hi-Hat shelter design and materials lists can be found at the following website: www.madhousers.org

This competition asks participants to apply their knowledge and expertise to the re-imagining of a Hi-Hat Shelter.

CARE Services, Department of Student Leadership and Service and the KSU Architecture Department are inviting all interested students with faculty mentors to participate in this exciting addition to Homelessness Awareness Week (HAW) 2019. Faculty mentors, get HIP and incorporate this Service-Learning opportunity during Fall Semester through the Mad Housers Hi-Hat Competition. Practitioners in the fields of Architecture, Construction or Engineering may also serve as team mentors.

Faculty can provide extra credit for student participation or integrate the competition into their coursework! Faculty or practitioners can become team mentors to encourage and assist learning outcomes beyond the classroom. Students, this is an excellent opportunity for you to apply and enrich your area of academic expertise while working across disciplines to refine the design of a standard Mad Housers shelter, the Hi Hat.

The culmination of this competition includes a jurored review and an exhibition of project designs on both campuses!

With reflection opportunities, engagement with diverse faculty and external critics, this is an ideal opportunity to boost student learning and collaboration while helping those in need.
The Hi-Hat, sample construction

The Atlanta Center for Creative Inquiry (ACCI), in cooperation with KSU Architecture and the Life-Cycle Building Center (LBC), completed the construction of a MadHousers Hi-Hat over the summer. You should visit the structure for inspiration and to consider the spatial characteristics of the shelter. Stories of homelessness are being applied by KSU artists Valerie Dibble and Erin Sledd. The structure will be donated after NOV 15.

Location of the Hi-Hat and Exhibition Gallery: Architecture Building N

For a map of the Marietta KSU Campus, please visit the following website and you will find the Architecture Building N Gallery located in quadrant Q-14.

https://www.kennesaw.edu/maps/docs/marietta_printable_campus_map.pdf
COMPETITION CRITICAL DATES:

AUG 19, 2019
Competition announced at ARCH and CM Kickoff Meetings

AUG 28, 2019
Website registration and competition parameters finalized.

SEPT 11, 2019
Register your team online by this date to prepare for OCT 07.
Registration will be live through SEPT 20, 11:59PM EST
https://care.kennesaw.edu/Mad%20Houser%20Hi%20Hat%20Competition.php

OCT 07, 2019
Team Progress Report Due Online OR in person.
A form will be available online at the competition website.
If you choose, forms may be printed and dropped off at Office N160 in the Architecture building on OCT 07 also between 1pm and 1:30pm EST.

NOV 01, 2019
All required print files must be uploaded prior to 12:00 (NOON) EST.
We will begin printing your boards and will begin pinup in the Gallery from 12:45PM to 5PM. One team member is suggested to attend this day.

An upload portal for team files will be found at the competition website.
(care.kennesaw.edu) or you may hand deliver your work pre-printed.

If hand delivering printed boards, the deadline is the same as listed above. Delivery is to be made to the Main Office of the KSU Architecture Department on the Marietta Campus in building N and boards should be delivered flat and ready to pin-up in the Gallery if you choose this option.

NOV 05, 2019 (11:30AM to 1:30PM)
At least one (1) member of the design team must attend the jury to deliver a 5-minute verbal presentation of the shelter design and to answer questions from the review panel (TBA). Guests are welcome to attend.

NOV 15, 2019 (6:00PM EST)
Removal of work from the gallery will begin at 5:30PM EST. All digital work will be shared with MadHousers for their use and may be used in marketing or other promotion as well.
If you are not present on NOV 15 at 6PM you will forfeit the return of your printed work.
Project Submittal Requirements

1) Evaluation Criteria

Overall evaluation will be based upon the ability of entrants explain how their proposal is an improvement upon the existing Hi-Hat design. Teams may seek any avenue of exploration and improvement for their design.

Projects will be primarily reviewed on inventive perspectives towards shelter, the reality of implementation, and environmental awareness of the project as presented in the images and project narrative.

Evaluation will be organized in the following primary categories:
- Sustainability
- Technology-Systems
- Health and Welfare
- MadHousers Alignment
- Overall Design Quality
- Materials + Operations
- Resources + Details
- Human activities + Community integration
- Addressing their Charter Goals + Purposes
- Aesthetics + Experiential qualities

2) Project Details

The Hi-Hat Shelter data may be found at www.MadHousers.org and should be used by design teams as the basis of design. This includes material quantities, projected costs, and overall footprint of the plan. Teams may exceed the base design characteristics by 10% in any of these realms.

3) Submission Files

The goal of the design submission is to design competent and evocative solutions to a problem. In general, the submission requirements have been minimized to allow entrants to express their ideas fully in a manner befitting their designs.

File name: TEAMNAME_KSUmadhouser2019.PDF
(example: TheOwls_KSUmadhouser2019.PDF)

Note:
TEAM NAME to be integrated into the bottom left corner of the boards - size 36 Font ARIAL – no other identification of team members is allowed.
TEAM NAME cannot be the name of a team member or mentor.
4) **Presentation Boards:**
- A maximum of two (2) boards are allowed.
- Design two (2) presentation pages (measuring 18”h x 24”w) oriented horizontally each.
- Submit the two (2) boards as a single combined PDF file to be printed.
- The file name must be as outlined on the previous page.
- The size of the single combined PDF must not exceed 100MB

**Board 01:**
- Concept narrative with a maximum of 400 words
  Describe the ideas, themes, materials, and components of your design. Integrate this full text with perspectives on Board 01
- A minimum of two (2) perspectives should be included to demonstrate the full experience of the Shelter design inside and outside. Scale figures required to clarify scale of drawings. Perspectives should be optically correct and within wooded or urban contextual settings.

**Board 02:**
Orthogonal Drawings can be scaled between $\frac{3}{4}” = 1’-0”$ to $1” = 1’-0”$
- Plan view (above)
- Section longitudinal (longest width)
- Section (cross section–shortest width)
- Elevation (at least one)

**Support Data (either board):**
- Exploded Axon showing assembly / labeling materials
- Cost estimates for the material of the proposed design
- Material detailing / assembly instructions
- Clear diagramming or demonstration of design elements that increase or reconsider user health, safety, or welfare.
- Additional content as appropriate for design entry.

5) **Originality**
In registering for and making a submission to this Competition, you represent and warrant that (a) the Submission is your original work; (b) you are the sole and exclusive owner and rights holder of the Submission.

6) **Ownership and Use of Submission**
By entering the competition you grant to the competition organizers all rights, title and interest in the Submission, including the right to copyright, use, publish, exhibit and broadcast the Submission, or any portion thereof, on a worldwide, perpetual, royalty-free basis. Competition organizers may use, reproduce, create derivative works, perform, display, distribute, copy, post, make models of, and otherwise share the Submission now known or developed in the future. Competition organizers shall have the right to use or not use any Submission in any manner or medium they elect.
7) Scorecard rubric for day of competition:

Jurors will Rate the nominations on the strength of the sustainability, buildability, and overall design qualities that are described in score card.

The ratings will be tabulated to determine a combined rating score. The maximum score will be 20 and the minimum will be 05.

Project submissions will be judged on elements of:
- Sustainability (4 pts)
- Technology-Systems (4 pts)
- Health and Wellness (3 pts)
- Organizational and Client Mission-Vision alignment (4 pts)
- Overall Design Quality (5 pts)

Projects must include the minimum criteria:

<table>
<thead>
<tr>
<th>SCORECARD</th>
<th>EVALUATE THE FOLLOWING MEASUREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEAM NAME + MEMBERS</td>
<td>Sustainable measures shown and performance metrics are clear. (RATE: 1-4)</td>
</tr>
<tr>
<td>Enter Project / Team names here</td>
<td>4</td>
</tr>
</tbody>
</table>

![Image](image.jpg).IMAGE: Grading rubric for judges, to be used for verbal presentations on November 5th, 2019.