

STEEL COMPETITION

2011-2012 ACSA/AISC STEEL DESIGN STUDENT COMPETITION CULINARY ARTS COLLEGE

The Association of Collegiate Schools of Architecture (ACSA) is pleased to announce the twelfth annual steel design student competition for the 2011-2012 academic year. Administered by the Association of Collegiate Schools of Architecture (ACSA) and sponsored by the American Institute of Steel Construction (AISC), the program is intended to challenge students, working individually or in teams, to explore a variety of design issues related to the use of steel in design and construction. Steel should be used as the primary structural material with special emphasis placed on innovation in steel design.

CATEGORY I

CULINARY ARTS COLLEGE challenges architecture students to design a Culinary Arts College in an urban setting. Steel construction offers students great benefits in this endeavor, as it is ideal for covering long-spans without sacrificing flexibility and aesthetic lightness, multi-story buildings, quick delivery and assembly in congested urban environments.

CATEGORY II

OPEN offers architecture students the opportunity to participate in an open competition category with limited restrictions. This category will allow the students (with the approval of a faculty sponsor) to select a site and building program. Steel must be used as the primary structural material and contain at least one space that requires long-span steel structure, with special emphasis placed on innovation in steel design.

REGISTRATION DEADLINE

FEBRUARY 15, 2012

SUBMISSION DEADLINE

MAY 24, 2012

WINNERS ANNOUNCED

JULY 2012

PUBLICATION OF SUMMARY BOOK

FALL 2012

The Association of Collegiate Schools of Architecture (ACSA) is a nonprofit organization founded in 1912 to enhance the quality of architectural education. ACSA represents over 5,000 faculty members in over 170 member schools in the United States and Canada, as well as over 120 affiliate member schools worldwide. www.acsa-arch.org



The American Institute of Steel Construction (AISC), headquartered in Chicago, is a nonprofit technical institute and trade association established in 1921 to serve the structural steel design community and construction industry in the United States. AISC's mission is to make structural steel the material of choice by being the leader in structural steel-related technical and market-building activities, including specification and code development, research, education, technical assistance, quality certification, standardization, and market development. AISC has a long tradition of more than 80 years of service to the steel construction industry providing timely and reliable information. www.aisc.org



Structural Steel

Steel should be used as the primary structural material with special emphasis placed on innovation in steel design. Structural steel offers a number of strengths in building design including high resiliency and performance under harsh and difficult conditions, (e.g., earthquakes and hurricanes) and offers the ability to span great distances with slenderness and grace. Steel can be shaped to achieve curved forms and can be erected quickly to meet tough construction schedules under almost any weather condition. Steel can be easily modified to satisfy the life cycle of a building including changing occupant requirements. Steel is the most recycled material in the world. Today structural steel is 97% recycled with the primary source of material being automobiles. It is the environmentally sound choice for a building material. Architects have praised the natural beauty of steel and are excited about exposing it in the design of their structures to emphasize grace, slenderness, strength and transparency of frame.

Membership to AISC is free to university faculty and full time students and AISC membership provides valuable benefits. Information can be found at www.aisc.org/universityprograms under membership.

Awards

Winning students, their faculty sponsors, and schools will receive cash prizes totaling \$14,000. The design jury will meet July 2012, to select winning projects and honorable mentions. Winners and their faculty sponsors will be notified of the competition results directly. A list of winning projects will be posted on the ACSA website (www.acsa-arch.org) and the AISC website (www.aisc.org).

ACSA is committed to the principles of universal and sustainable design.

Visit the competition website at www.acsa-arch.org for complete information.