

46th Annual National Collegiate Landscape Competition
March 16 - 19, 2022
North Carolina State University

3D EXTERIOR LANDSCAPE DESIGN

Description: The student (maximum one individual per school) will design (and model) a proposed exterior landscape, for a building and site, based on a scaled plan/model (template file) and requirements provided by the judges at the start of the event. The design must include 2D and 3D representations of proposed features, such as plant material, vertical objects (i.e. walls, fences, shade structures) and walking surfaces.

Each participant must submit a digital file (PDF format), including a properly labeled 2D plan and at least two 3D views. Elements shown in the 2D plan must be directly associated with its representation in 3D (i.e. hybrid objects). Solutions must consider the solar exposure provided in the template file with regard to the choice of plant types and materials used to maximize and/or protect users where sun/shade positions are a factor. Other “client needs” for pavement, constructed objects, accessibility and views into and from the site are some examples of other expectations for the competition.

In order to be scoreable, the candidate’s PDF of their drawing sheet/s must be saved to the provided computer’s desktop. The assisting judges will grade only PDF files, or the print they generate from this PDF file. The top 5 ranked entries may be printed and displayed before the awards ceremony. The sponsor will provide prizes for 1st, 2nd and 3rd place finalists. Software for this event is Vectorworks Landmark.

Time: 1 hour and 50 minutes

Limits: The sponsor reserves the right to limit the number of individuals competing, based on the host school’s allotted workstation and space constraints. Schools will be able to compete based on the date their registrations were received and paid for. (Registrations that are received late or have not been paid will be placed on a waiting list.)

JUDGING CRITERIA

Points: 100 possible points for the individual score; the individual score is doubled toward the team score for a total of 200 possible points. Points will be assigned based on the following criteria:

- Meeting the client’s needs (20%)
- Appropriate use of hybrid (2D/3D) features (30%)
- Maximized use of 3D views (30%)
- Functional use of horizontal and vertical space (20%)

Time stamp on saved drawing (PDF file) will be used only as a tiebreaker.

Event Sponsor is responsible for:

- Base plan/model template file, with pre-set title block and border in sheets, saved to provided workstation
- Design project requirements, site information, etc for property and client
- Stopwatch
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event
- Providing VWX and PDF file of student’s competition entry upon their request.

Students are not permitted to bring pre-saved work (drawing or library objects).