

Tournament Format:

XtremeSTEM utilizes a Combination Tournament Format that is best be described as Preliminary Round Qualification to a Single Elimination Tournament. The tournament consist of three preliminary rounds. In each individual match, judges assign a winner/loser, but also provide quality points "QPs" ranking how good each Bot performed in comparison to an ideal match.

The first round is completely random. In the second round, the winners from the first round are paired off (winner vs winner), and losers are also paired off (loser vs loser). In the third round, winners with a 2-0 record face losers with a 0-2 record, while the 1-1 bots are paired off. At the end of the three rounds, the top bots are placed in a Single Elimination Tournament Bracket. Seeding is based first on Win-Loss record, and then ties are broken on quality points. All 3-0 Bots are in the Bracket, but only 2-1 Bots with the highest Quality Point Totals make it.

All Bots are guaranteed three matches. The Bot performance over the course of all three matches is taken into consideration. This format ensures that it is not just about winning and losing – how you win or lose also plays a factor.

NOTE:

Only one robot may compete per team.

While teams are allowed to bring spare assemblies and components for repairs, bringing a fully assembled second robot or "drop-in" duplicate is not permitted