



## 2012 VRC Nebraska State Championship Qualifying Criteria

Below are the criteria for teams to qualify for participation in the 2012 VRC Nebraska State Championship, February 24th-25<sup>th</sup>, 2012 hosted by the CREATE Foundation in partnership with ASME.

There are three ways teams registered in Nebraska can qualify; 1) Via official qualifying tournaments taking place in Nebraska, skills challenges or official qualifying Nebraska leagues. To be eligible to participate in a VEX Robotics Competition (VRC) qualifying event (and for a qualifying spot), a team must be officially registered as a VRC team and have their official 2011/2012 VRC Team ID Number and Robot ID plates. 2012 VRC Nebraska State Championship qualifying spots are available as follows:

- Level 1: 16 – 23 teams will qualify up to **3 teams**
  - Tournament Champions on the winning alliance (2 teams)
  - Excellence Award winner (1 team)
- Level 2: 24– 32 teams will qualify up to **4 teams**
  - Tournament Champions on the winning alliance (3 teams)
  - Excellence Award winner(s) (1 team)
- Level 3: 33+ teams will qualify up to **5 teams**
  - Tournament Champions on the winning alliance (3 teams)
  - Excellence Award winner (1 team)
  - Design Award winner (1 team)
- Skills Challenge will qualify **30+ teams**
  - Skills rankings from all event levels will be included in the VRC rankings.
  - Top 15 Nebraska teams as of February 6<sup>th</sup> 2012 in each skill challenge will qualify.
  - Skills rankings will also be used to rank schools, 2 teams per school, both of which will be invited not only to all aspects of the regular tournament but also to participate in the School Championship. (See below for details.)
- Nebraska Leagues will qualify up to **5 teams**.
  - The top ranked team in a league at the end of normal league play
  - Tournament Champions of the league Tournament Finale (2 teams)
  - Tournament Finalist of the league play Tournament Finale (2 teams)
  - Requirements for a league to be an official 2012 VRC State Championship Qualifier:
    - League must have a minimum of 16 teams participating
    - League must have a minimum of 3 match play days
    - Each team should have the opportunity to play on at least 3 different match play days if the league has more than 3 total
    - No school or organizations should have more than 20% of the total number of teams participating in the league.



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1. An “Official Qualifying” VRC event meets the following criteria:
  - a. Is listed as a VRC event with online registration hosted on Robotevents.com.
  - b. Is held between June 1<sup>st</sup>, 2011 and February 6<sup>th</sup>, 2012.
  - c. Teams participating at the event have completed their VRC team registration.
  - d. The event must follow the Official Rules in the Game Manual (including tournament and alliance selection guidelines).

### Tournament Format

In addition to the normal format of Judged Awards and Tournament Awards this tournament will also have School Championship Awards. The schools will be seated via their skills challenge scores. All scores will be tabulated as of 2/6/2012. Each team will have their Robot Skills and Programming Skills Nebraska RANK added together to determine a team score. The top two teams from each school will be added together to determine a school score. (In the case of a tie the schools' programming rank, then robot skills rank, then coin toss, will be used to break the tie.) These two robots will comprise a school alliance and will be seated in a double elimination tournament to take place Friday evening, with the finals taking place right before the alliance selection of the regular tournament on Saturday.

Schools that have all students in a single building, 6th-12<sup>th</sup>, may represent their schools with a middle school/high school team combination.

Home schooled teams/clubs may represent their organization IF both teams come from the same club or robotics program.

When registering teams from the same organization be sure the School/Organization name is the same for all teams.

All tournaments regardless of level, middle school or high school qualify based upon the above criteria. However there will only be ONE division at the State Championship.