



VEX U Program Event Partner Summit

Presented by
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VEX U Program AGENDA

- Benefits of college robotics
 - Outreach
 - Workforce Development
 - Student Achievement
 - Recruitment
- Participation
- What does the future look like?
- 2017 WC Entry

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Benefits of college robotics

Outreach:

- Be more visible in your communities youth initiatives by enhancing the quantity and quality of STEM exposures for students.
- Target the underserved and/or underrepresented groups that the college would like to reach.
- Host tournaments so that area youth can play the game locally and keep the cost of the program low by minimizing travel. (Increase on campus visits to show off your facilities and build awareness.)



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Benefits of college robotics

Workforce Development:

- Expose students to the increasing number of jobs that will require knowledge and use of technology.
- Broaden the base of interest in STEM related fields as well as manufacturing technologies.
- Offer workshops and classes that build on initial interest as a way to maintain contact
 - Too many exposure opportunities excite a students interest and then leave them with no option to pursue the interest that was kindled. (Students need options they can follow through on.)



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Benefits of college robotics

Student Achievement:

- Develop and exercise essential 21st Century Skills
- Let college students apply classroom knowledge through program participation at the college level.
- Having competitive robotics experience on a resume is a plus for students. Students make great event volunteers!
- Different applications help students to explore career paths.
- Participants can learn C programming language skills commonly used in industry.

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Benefits of college robotics

Recruitment:

- Use the VRC program to increase the quantity and frequency of prospective students visiting campuses. Offer workshops, help sessions and events to elevate exposure.
- Establish college scholarships/grants specific for high school student VRC participants.
- Attract freshman by showing students that competitive robotics does not have to end when they leave HS.
- Use On-Line Challenges to broaden the various majors that welcome VRC participants. IT, Animation, CAD, PR & Marketing, Media Production.



VEX U Program Participation

USA Teams		(91 teams)
Arizona (7)	Maryland (5)	Oklahoma
California (8)	Massachusetts (3)	South Dakota
Colorado	Michigan (2)	Tennessee
Connecticut (5)	Minnesota (9)	Texas (8)
Florida (4)	Nebraska	Utah (2)
Georgia	New Hampshire (4)	Vermont
Idaho	New Jersey	Virginia (7)
Illinois	New Mexico	Washington
Indiana (2)	New York (3)	Wisconsin
Louisiana	Ohio (3)	

VEX U Program Participation

International teams	(360 teams)
Canada (4)	Nepal
China (29)	New Zealand
Colombia (13)	Paraguay (3)
Ethopia	Puerto Rico (7)
Hong Kong	Saudi Arabia (5)
Lebanon (18)	Spain (4)
Mexico (181)	United Kingdom

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What Does the Future Look Like?

- Focus on team growth, concentrate areas.
- All teams will need to qualify or be the sole representative of a country to participate in the World Championship.

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What Does the Future Look Like?

- Grow the scholarship program.
- Increase the presence of college & university recruiters at the VRC World Championship.

Collaborate with Others

- VEX Forum for prospective college teams
 - “VEX U - new team development” thread
- Work with your regional manager to network with area organizations or teams.
- Take advantage of the new VRC alumni program to connect with high school graduates.



REC Foundation Scholarship Program

- Colleges, universities and industry partners offer scholarships for students in robotics
- Engage 16,000 robotics teams, across the U.S. and 41 countries
- Nearly \$5 million in scholarships available
- To learn more, visit:
www.roboticseducation.org/scholarships
- Contact us at:
scholarships@roboticseducation.org



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2017 VEX Worlds Entry

- Domestic
 - Qualify for VEX Worlds as one of the US representatives.
- International
 - Countries with qualification events (example Mexico will have several state championships and a National Championship), they will send their appropriate qualifying representatives.
 - The team is registered and paid for by January 1, 2017.
 - The team has added their team number to the VEX Worlds wait list by January 16, 2017.



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Questions?