

2019 WERC - Student Survey

About this survey

Staff members at New Mexico State University (NMSU) want to know more about your experience in the 2019 WERC Design Contest. As part of that, we need you to answer some questions.

Privacy

Only the researchers will have access to the survey data. Your name will not be used in any reports or articles related to this survey. All results will be reported in an aggregate format.

1. What degree (BA, BS, MA, MS, PhD) are you currently working towards?

- ☐ BA
- ☐ BS
- ☐ MA
- ☐ MS
- ☐ PhD
- ☐ Other (please specify)

2. What major is your degree in? Please select all that apply.

- ☐ Electrical Engineering
- ☐ Chemical Engineering
- ☐ Industrial Engineering
- ☐ Civil Engineering
- ☐ Environmental Engineering
- ☐ Mechanical Engineering
- ☐ Aerospace Engineering
- ☐ Geomatics
- ☐ Computer Engineering
- ☐ Computer Science
- ☐ Marketing
- ☐ Business Administration
- ☐ Finance
- ☐ Accounting
- ☐ Economics
- ☐ Biology
- ☐ Chemistry
- ☐ Physics
- ☐ Communications
- ☐ Natural Resources
- ☐ Other (please specify)

3. Would you like to have your written report considered for publication in a conference proceeding?

- ☐ Yes
- ☐ No
- ☐ Maybe/Neutral

4. What motivated you to select the task that you worked on in the WERC Design Contest?

5. Tell us about a time when your team encountered an especially difficult problem. What steps did you personally take to help the team overcome the obstacle?

6. What did you learn from seeing other team's solutions to the task(s) in your task category?

7. What were the most valuable experiences/ideas/learning moments you have taken away from your participation in the WERC Design Contest?

8. Please rate the quality of the following components of the 2019 WERC Design Contest.

	Extremely Unsatisfactory	Unsatisfactory	Neither Satisfactory Nor Unsatisfactory	Satisfactory	Extremely Satisfactory
Timely Announcement of Tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the Tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rigor of Tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the Judges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. Please indicate your agreement with the following statements.

	Strongly Disagree	Disagree	Neither Agree Nor Disagree	Agree	Strongly Agree
The 2019 WERC Design Contest enhanced my academic experiences.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The 2019 WERC Design Contest introduced me to career opportunities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The 2019 WERC Design Contest provided opportunities for professional networking.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The 2019 WERC Design Contest helped me prepare for my future career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The 2019 WERC Design Contest introduced me to entrepreneurial opportunities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The 2019 WERC Design Contest provided an opportunity to complete a culminating activity incorporating my academic experiences with real-world problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A video outlining how to prepare an environmental safety plan would be helpful.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My participation in the 2019 WERC Design Contest helped prepare me for my future.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Please indicate how your participation in the WERC Design Contest influence your ability for the following items.

	Decreased significantly	Decreased	Decreased slightly	Stayed about the same	Increased slightly	Increased	Increased Significantly
My ability to creatively approach a problem.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My ability to design solutions to real-world problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My ability to solve open-ended tasks.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My ability to successfully contribute to a team (leading, following, contributing).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My ability to answer technical questions posed by professional colleagues.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Following graduation, I plan to:

- ☐ Enter the workforce
- ☐ Attend Graduate School
- ☐ Enter the workforce after graduation and attend graduate school in the future.

12. How much did your participation in the WERC Design Contest improve the following work-based skills?

	Decreased Significantly	Decreased	Decreased Slightly	Stayed about the same	Increased Slightly	Increased	Increased Significantly
Grammar skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional, written communication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Organization of paper	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify important supporting evidence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Describe the methodology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Describe the results or outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accurately cite my sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to organize my thoughts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to speak knowledgeably to professionals in my field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Professional presentation skills (e.g. ease, posture, vocal projection, eye contact)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to briefly answer questions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. Did you find the networking reception valuable?

- ☐ Strongly agree
- ☐ Agree
- ☐ Neither agree nor disagree
- ☐ Disagree
- ☐ Strongly disagree

14. For marketing purpose, we are gathering quotes regarding student experiences in the 2019 WERC Design Contest. The purpose of the quote is to encourage participation from future students. Do we have your permission to publish your quote?

- ☐ Yes
- ☐ No

15. Please provide a quote below describing your experiences at the 2019 WERC Design Contest.