

RoboRAVE ONLINE

RoboEthics Essay ONLINE Challenge Rules

Goal

Write an essay arguing both the PRO and OPPOSITION side of an ethics question related to robotics. Your essay should strive to help us understand how your well supported details for both sides will clarify this "grey" topic, seeing the power of persuasive argument at its best.

THE ESSAY TOPIC: Cybersecurity...

THE ESSAY QUESTION: "MISINFORMATION" – *Does it Influence decision making or Not?*

Who Can Play

Teams: 1 to 4; **YES** - online challenges allowed to have a **team of 1**

Online format: When you're home alone, it can be hard to have 2 on the team, so teams of 1...come play - Consider ZOOM: it is one online format that 2 people can use for unlimited time for FREE. Add more? You have 40 mins max per session. Link www.zoom.us

Divisions: Oldest player determines division; A team can play UP, but NOT down!

- 1) Elementary School (ES): up through 5th grade
- 2) Middle School (MS): 6th - 8th grade
- 3) High School (HS): 9th - 12th grade
- 4) University/Professional (U/P): Anyone beyond High School

Cost & Team Award

This challenge is **\$5.00/team**

The top performing team in each division will be awarded **10,000 RoboRAVE credits (RRCoins)** for use in our online store (coming soon). The value is **2000 RRCoins = \$1** online RR store credit

Scoring

All RRONLINE RoboEthics Essay ONLINE Challenge submissions will be showcased on www.roboraiveinternational.org.

POINTS: Total = 200

- PRO = 100, OPP = 100
- Point range / area: 50.00 - 99.99

Areas of Evaluation		
30 pts - Arguments relevant to: a) The question b) The position taken	30 pts - Sources cited a) Quality b) Public access c) Relevance d) Current e) Expertise	30 pts - Defense of position
10 pts - Division level to writing skill expectation		
<p>We will focus on what you have stated and how you have used your evidence. <i>Lots of data doesn't make your argument stronger, just longer!</i></p> <p>1) Arguments made 2) Evidence cited 3) Sources used 4) Continuity of argument 5) Counter examples cited & defended</p> <p>Comments: Will be strongly encouraged but cannot be guaranteed</p>		

Requirements

Essays must include the following:

- 1) **HEADER** -
 - a) Left side: Our RoboRAVE International, *a collaborative robotics program* logo (www.roboraveinternational.org, capture logo)
 - b) Right Side: Writers First Names, Last Initial, Division (ES, MS, HS, or UP)
- 2) **FOOTER** -
 - a) Center: Team Name, Coach First & Last Name, Coach's RoboRAVE Membership ID
- 3) **Font Style:** Choice of Verdana, Roboto, Times New Roman, or Arial
- 4) **Font Size:** 12
- 5) **Line Spacing:** 1.5
- 6) **Formatting:** NO (**B**, *I*, U) or color, or motion, strikeouts, etc; unless it is within the cited materials being referenced
- 7) **Video, Photos, Graphs, Tables, or other supporting visuals:** NO
- 8) **Word Count: Remember your essay must argue both the PRO & OPPOSITION positions – Minimum Word counts differ by division**
 - a) ES – 200 PRO, 200 OPP (total: 400)
 - b) MS – 300 PRO, 300 OPP (total: 600)
 - c) HS – 400 PRO, 400 OPP (total: 800)
 - d) UP – 500 PRO, 500 OPP (total: 1000)
- 9) **Language:** English preferred; other languages 100% acceptable. Google Translate will be used to create a English Language Version for scoring
- 10) **Content must include:**
 - a) Title: RoboEthics Essay - (Question, to be provided for each challenge)
 - b) In your main body, you develop your argument by using ideas, opinions, facts, evidence, theories, models, quotations from primary texts and quotations from authorities and experts. In your main body you work through key points and support them with evidence
<https://www.rlf.org.uk/resources/main-bodies-what-they-do/>
 - c) Conclusion; defending your positions without entering any new arguments

Failure to comply with the stated requirements may make your entry invalid.

How to Submit

The image shows a screenshot of the RoboRAVE registration interface. On the left, a team profile for "#100.01 RR STEAM TEAM" is displayed, including the coach Brian Montoya and player Russ Fisher-ives. On the right, a menu for the team "RR STEAM TEAM" is shown with options: "Upload Team Files", "Edit Team Information", "Copy Team Information", and "Unregister Team". A yellow arrow labeled "1. Click 3 dots" points to the three-dot menu icon on the team profile. Another yellow arrow labeled "2. Click Upload Team Files" points to the "Upload Team Files" option in the menu. A yellow box at the bottom right contains the text: "3. Follow the prompts to upload JPGs, PDFs, & MP4s for your submission."

Our Reviewers

various individuals from, but not limited to, the following organizations

- | | |
|---|--------------------------------|
| 1) NASA's SSERVI | 7) New Mexico Tech University |
| 2) NASA Ames Research Center | 8) Northern New Mexico College |
| 3) University of New Mexico | 9) Intel Corporation |
| 4) Central New Mexico Community College | 10) Zeiss Inc |
| 5) Los Alamos National Laboratories | 11) New Mexico Educators |
| 6) Sandia National Laboratories | 12) RoboRAVE Executive Team |

Thank you. Have fun, while learning!

the RR Executive Team

Katie, Cecilia, Amber, Brian, and Russ