

# 2019 - 2020 Engineering Design

## **Monster Truck Project Summary and Reflection Paper**

### **Objective**

Students will develop a Monster Truck project summary and reflection paper. Students will write this paper reflecting on the design, fabrication and testing process. Use an honest approach to your writing and give examples to explain your thoughts.

### **Report / Portfolio** (100 pts)

1. First Page - sheet to include:
  - Title of Report
  - Student Name
  - Hour
  - Class
  - Completion Date
  - Vehicle Name
  - Picture of Project
2. Report Format:
  - Academically written in your own words
  - Tahoma Font
  - 12 pt Font
  - 1" Margins
  - Double Spaced

### **Documentation**

Use the list of headings below to assist in writing your report. Add any additional information to your documented report that will help support your writing. Use your educated opinion and judgment to develop a report that reflects the quality and integrity of your project.

**Note:** This is an Essay paper, not question and answer – introduction, body, and closure.

### ***Containing responses to:***

- What was the significance of this project to your education and growth?
- What did you learn about other students during the course of the project including their similarities or differences to you?
- What impact might this project have on your learning process?
- What impact did this project have on your everyday life?
- What insights did you gain through the development and build of this project that might assist you in your career or in selecting a career?
- What is the relationship of your project to the "real world"?

- How were you able to contribute to the overall project in the class or group setting?
- What did you do or what about this project made you feel proud?
- What was the most difficult part of your work during this project?
- If you were to start at the beginning of this project again, what would you do differently the second time around?
- What was the purpose of this project and how can we help people outside of this class better understand the nature of the project and its purpose?
- What part of the project presented you with the greatest challenge?
- What did you enjoy about this project and why?
- What did you not enjoy about this project and why?
- What would you change about the project to make it better and why?
- Would you recommend this project to future students?

### **Self Evaluation**

Evaluate yourself using a scale of 1 to 100, with 100 being the most, in the 3 areas of ***Body Fabrication Quality, Chassis Fabrication Quality*** and overall ***Participation***. Give details as to why you believe you deserve this score based on facts. Be honest with your evaluation and consider the time spent on this project.