

Dashboard of the Future Evaluation

Introduction

As part of this learning experience, each student designed a dashboard of the future. During this project you were to brainstorm what a vehicle in 2020 might look at, what would power it, and who might ride in it. After, you were supposed to draw and label the items you might expect to see in the dashboard. Lastly, you were to prepare a write-up that summarized the entire design.

Now comes the next phase, evaluating each design submitted. To do this, we will use a peer review process. This process will work as follows:

1. Each student will be a representative of a major automobile company whose role is selection of various design aspects of future automobiles.
2. Every student, plus the teacher, will evaluate each student presentation. A set of criteria with a rating scale will be used to evaluate the presentations. Students will be informed of the process, the rating criteria, and the presentation format before their presentation.
3. A final grade will be determined by each member based upon their rating of the design and presentation.
4. Each student rater will also have to prepare a brief statement of which design you would select for your company, and why you would select it over the others involved.

The Presentation

Each student will prepare a presentation of his or her final dashboard design. It is to be directed toward the class as a proposal to an automobile manufacturer trying to sell your design. It should include the following items:

1. The type of vehicle your design will be used on, such as passenger, sport, pick-up truck, etc., as well as its intended use.
2. The number of passengers it will carry.
3. The type of fuel or power it will be using.
4. Your Dashboard design:
 - The ergonomic factors involved within your design
 - Your initial sketches leading up to the final design
 - Your actual drawing explaining each part
 - A detailed explanation of each instrument included, with its intended function made clear
 - Why you chose the particular instruments you did/rationale
 - How your design fits current and future trends in vehicle manufacturing
 - A final pitch to sell your design, why it should be chosen, etc.