Extra Credit Anonymous Survey: Teams Teaching Engineering Project (Generic version for KEEN Card)

Informed Consent Statement

Purpose of Survey and Potential Benefits of Participating: This survey will be used to better understand student attitudes about making facilities, hands on projects and to improve future versions of the “Teams Teaching Engineering” class project. Students who complete the survey and upload a screenshot showing they have taken it to CANVAS will earn \_ extra credit homework points.

Potential Risks of Participating/ Confidentiality: No risk in participating. The survey is anonymous, and you may refuse to answer any of the questions asked of you. There is no penalty for not participating.

Whom to contact if you have questions about the survey / Whom to contact about your rights as a research participant in the study \_\_\_\_\_\_\_\_.

Informed Consent Agreement: Pick the statement that applies: (multiple choice)

I have read the informed consent information above, I affirm that I am 18 years of age or older, and I voluntarily agree to allow my answers to be used for research purposes.

I have read the informed consent information above, I affirm that I am less than 18 years of age, so my answers can not be used for research purposes.

What is your academic class? (multiple choice)

Select the term that best describes your gender: Female, Male, Other / Do not choose to answer

PLEASE ANSWER THE QUESTIONS BELOW. You can add comments at the end of the survey. In the questions below, “‘making facilities” refers to the following locations: \_\_\_\_\_\_(will depend on school).

*NOTE: Unless otherwise noted, the questions below use the following scale:*

*1. Strongly Disagree 2. Disagree 3. Somewhat Disagree 4. Somewhat Agree 5. Agree 6. Strongly* Agree

1. I learned more about University X “making” facilities as a result of this project.
2. In team projects that include making something, I try to avoid the “hands on” part of the project.
3. I am more likely to use the university’s “making” facilities in the future because of the Teams Teaching Engineering project.
4. I believe my teammates are more likely to use the university “making” facilities in the future because of the Teams Teaching Engineering project. (Answer for other teammates, not for yourself).
5. I like the idea of using the University X “making” facilities for personal projects.
6. I am likely to use the University X “making” facilities for a personal project in the next 1-2 years.
7. The University X “making” facilities support hands on projects helpful for student learning.
8. In general, I think engineering classes should include “hands on” projects to help students learn.
9. The “Teams Teaching Engineering” project made me think more deeply about some technical aspect of Engineering engineering.
10. I liked the flexibility of the “Teams Teaching Engineering” project- the fact that our team could decide what product to make.
11. I liked the fact that teams were randomly assigned and I met new people in the class.
12. In what situation would you be most likely to use a “making” facility? Rank the following from 1 (most likely) to 5 (least likely).
    1. Class assignment where using the makerspace is an option, but not required.
    2. An organized co-curricular activity (student club, dorm event)
    3. An optional school competition
    4. A personal project of my own choice
    5. A project that I am working on with a group of friends (not class, club, or competition)
13. My team used the following facilities when building the visual aid for the Teams teaching Engineering project (select all that apply)
    1. ….
    2. …
    3. ….
14. Do you have any suggestions on how to improve the “Teams Teaching Engineering” project? \_\_\_\_\_(open response)
15. Do you have any other comments you'd like to make related to the questions above, or suggestions on how to improve \_\_\_\_(class name here)?