

A purple-toned sketch of a horse-drawn wagon, showing a horse pulling a wooden wagon with a driver. The drawing is done in a loose, artistic style with visible pencil or charcoal lines.

A Preliminary Look at Using Peer Evaluation to Improve Awareness in Agriculture Courses

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THANK YOU FOR FLYING

Air Equestrian



Exits are located at the front, rear, and sides

You may experience some turbulence during your descent

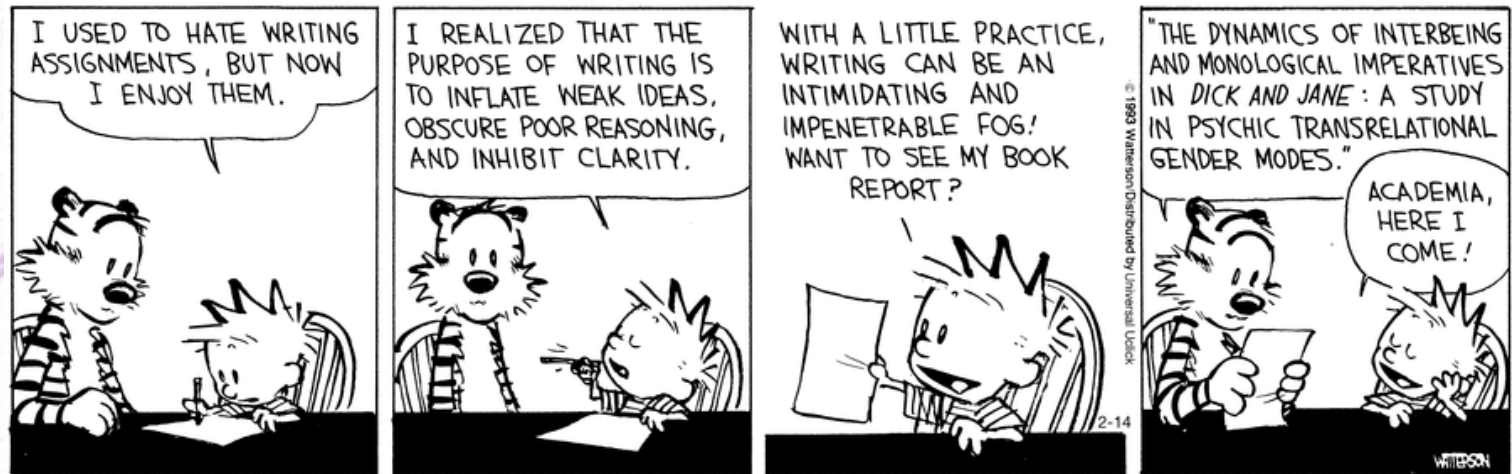
Please remain on the ground until your body comes to a full stop

**In the unlikely event of a water landing, your saddlepad may be used
as a flotation device**

Thank you for flying Air Equestrian

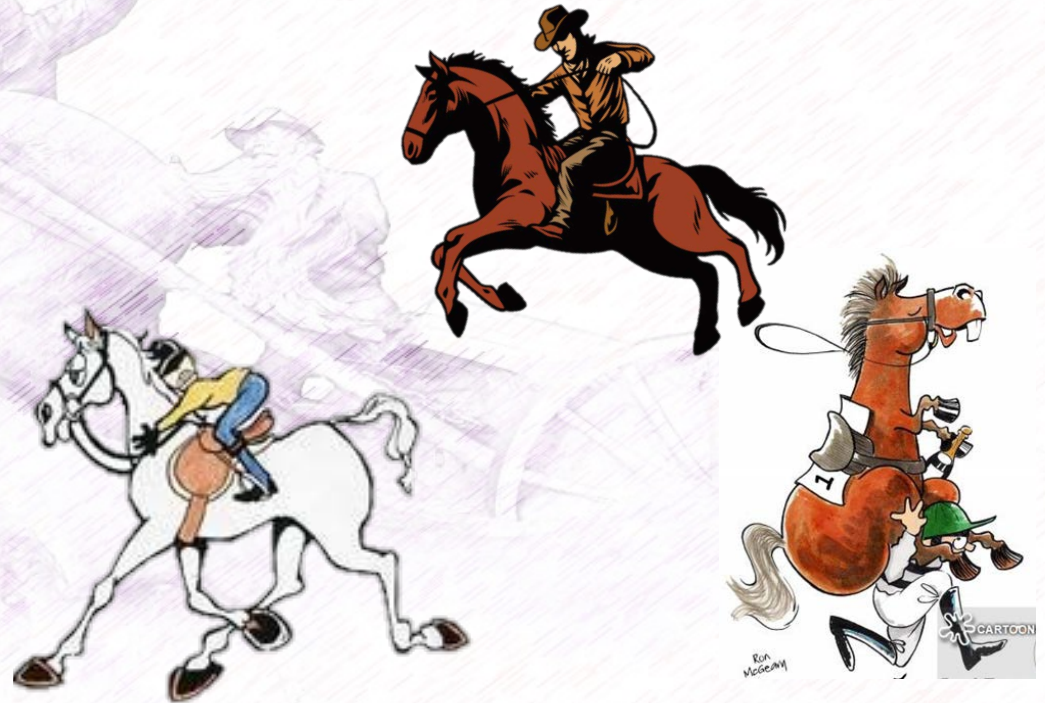
We hope you enjoy your trip!!

- Self-analysis is a valuable skill, but can be painful and difficult
- Students often struggle to evaluate themselves objectively



- Equitation students often fail to recognize poor riding or technique

- Overconfidence
- Underconfidence
- Incorrect training
- Bad habits
- Etc.



- How would the opinion of peers be received and accepted?




- Each student videoed at beginning, end of semester: walk, trot, lope

- Evaluated as a class



- Historically, students have reported this is a beneficial experience

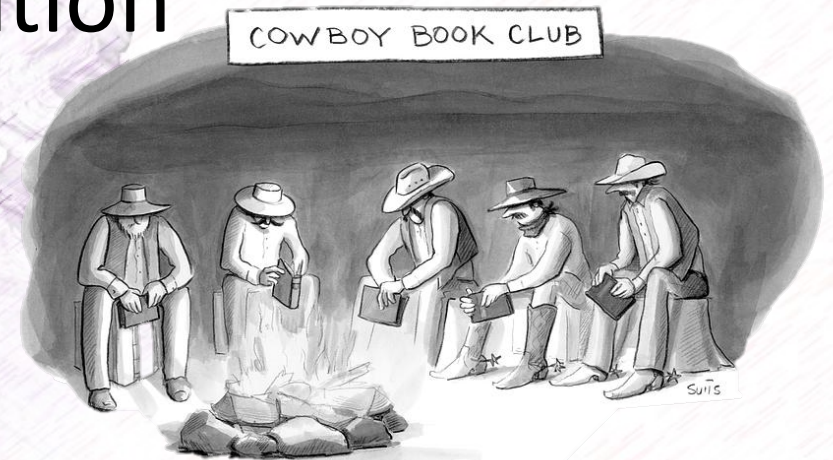


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- Goal:
 - More responsible for their own improvement, increase engagement
 - Involve students more in evaluation

Peer Evaluation

- Students showed significantly improved performance after peer assessment (Li & Gao, 2015)
- Evaluations of peers can be effective in improving skills, especially when provided with support instruments such as videos and rubrics (Murillo-Zamorano & Montanero, 2018)

- Spring 2018, assigned to peer groups
 - View riding videos
 - Meet, discuss observations
 - Provide a written evaluation



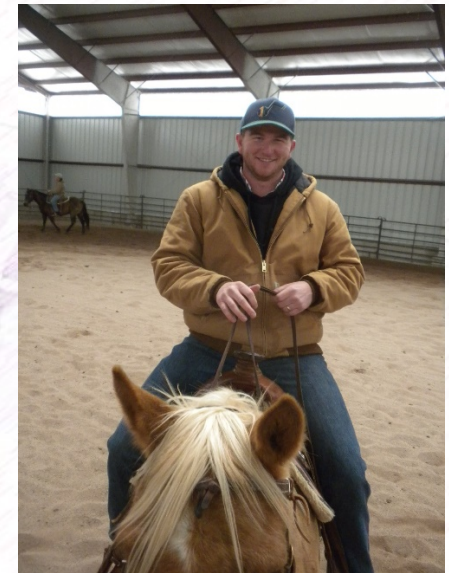
"Y-y-yep."

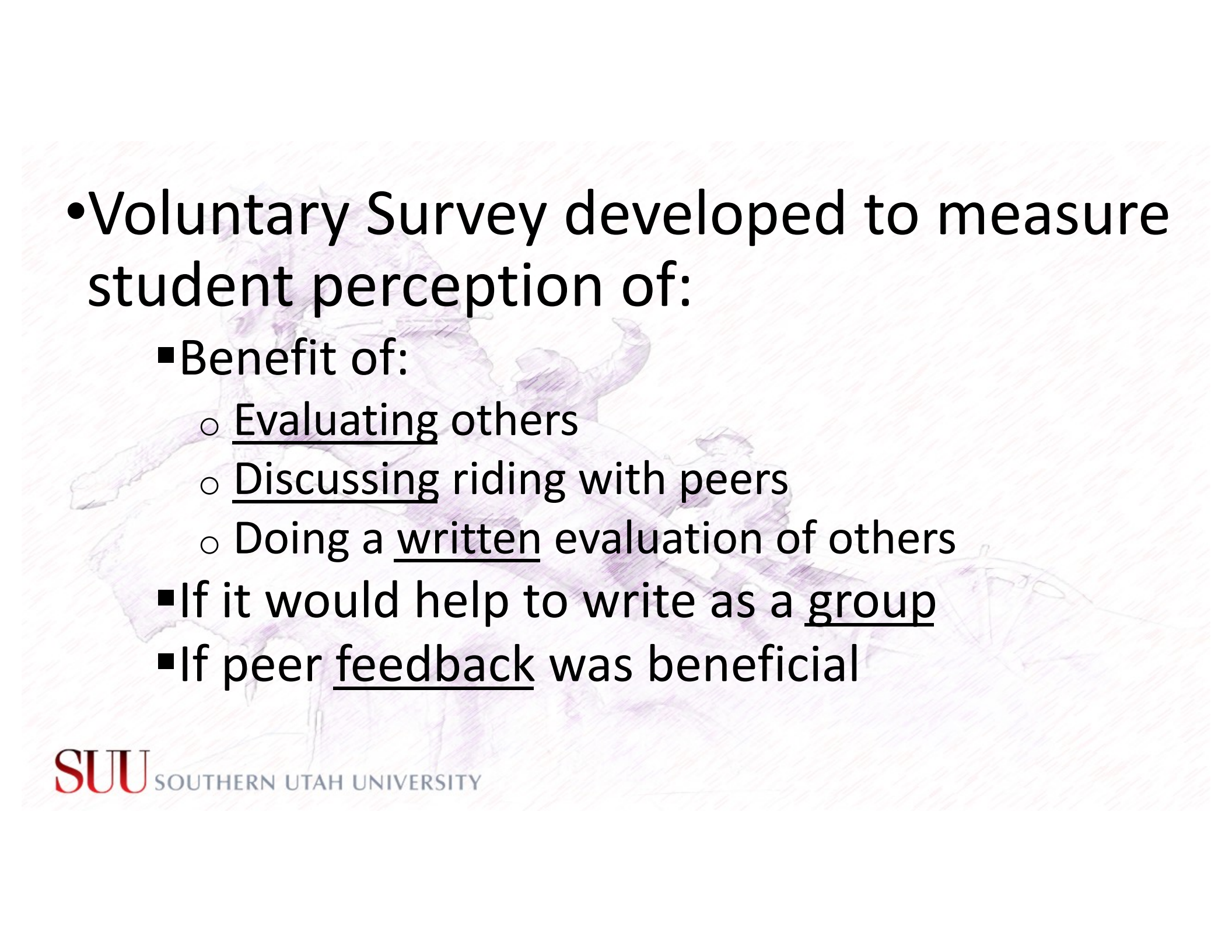
- If we can get students in a mindset to be analytical/critical of themselves
 - Give tools
 - They can be their own best teacher



•Peer-evaluation process

- Students see benefit of both developing and receiving peer feedback (Simpson & Clifton, 2015)





- Voluntary Survey developed to measure student perception of:

- Benefit of:

- Evaluating others
- Discussing riding with peers
- Doing a written evaluation of others

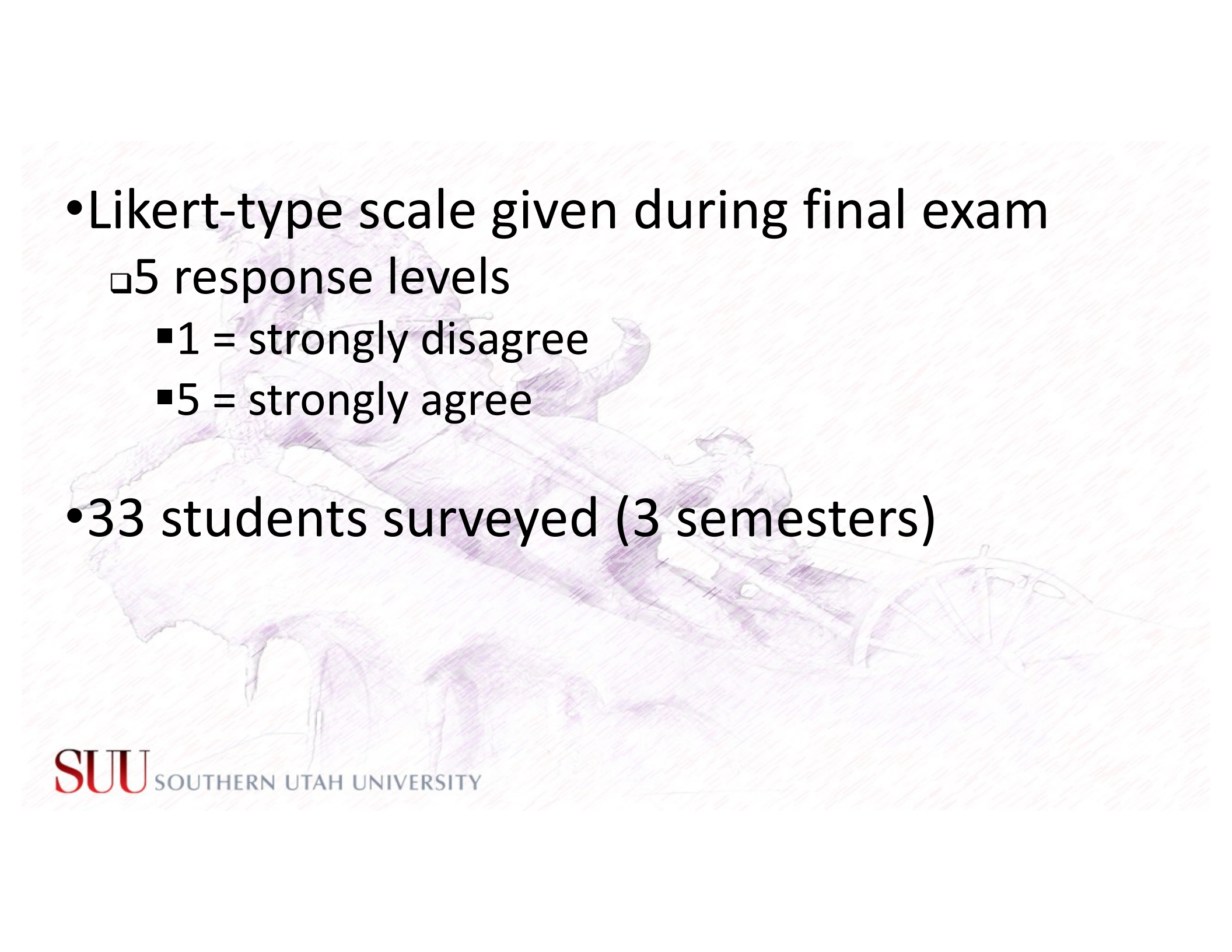
- If it would help to write as a group

- If peer feedback was beneficial



- On the survey, but minor importance (for now)

- If the class was beneficial
- If the video was beneficial
- If they were uncomfortable have others watch them
- How they would rate their own riding

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- Likert-type scale given during final exam
 - 5 response levels
 - 1 = strongly disagree
 - 5 = strongly agree
 - 33 students surveyed (3 semesters)

Survey Questions:	
1	Horsemanship II has been a valuable learning experience for me
2	Seeing myself ride on video was beneficial to evaluate myself as a rider
3	It was uncomfortable watching myself ride with the entire class
4	Watching and discussing the first video as a class was beneficial to me
5	Evaluating other riders has helped me be more aware of my own riding
6	Discussing equitation with other class members has helped me better understand good riding
7	Writing an evaluation of other class members has helped me better understand good riding
8	It would be of more help to me to do a written evaluation of other class members as a group, rather than write an evaluation individually
9	The feedback I got from my group about my own riding was beneficial to me
10	It was uncomfortable watching myself ride with my group
11	It was helpful to see a sample of my riding early in the semester, and then again at the end of the semester
12	Before taking this class I would rate my equitation as (5 very good, 1 poor)
13	After taking this class I would rate my equitation as (5 very good, 1 poor)

•Results:

- All students agreed, evaluating others increased awareness of own equitation



- Results (continued):

- Ninety-two percent agreed that discussing was helpful



- Results (continued):

- All students agreed that writing evaluation benefitted



- Results (continued):

- All students agreed feedback from group was valuable



- Results (continued):

- Only 33% wanted to do written evaluations as group



- Students engage, strengthen relationships, boost confidence, moral



- Better riders gain confidence by observing themselves more objectively and by helping weaker riders develop



- Weaker or less experienced riders develop through greater support and by realizing that everyone can improve

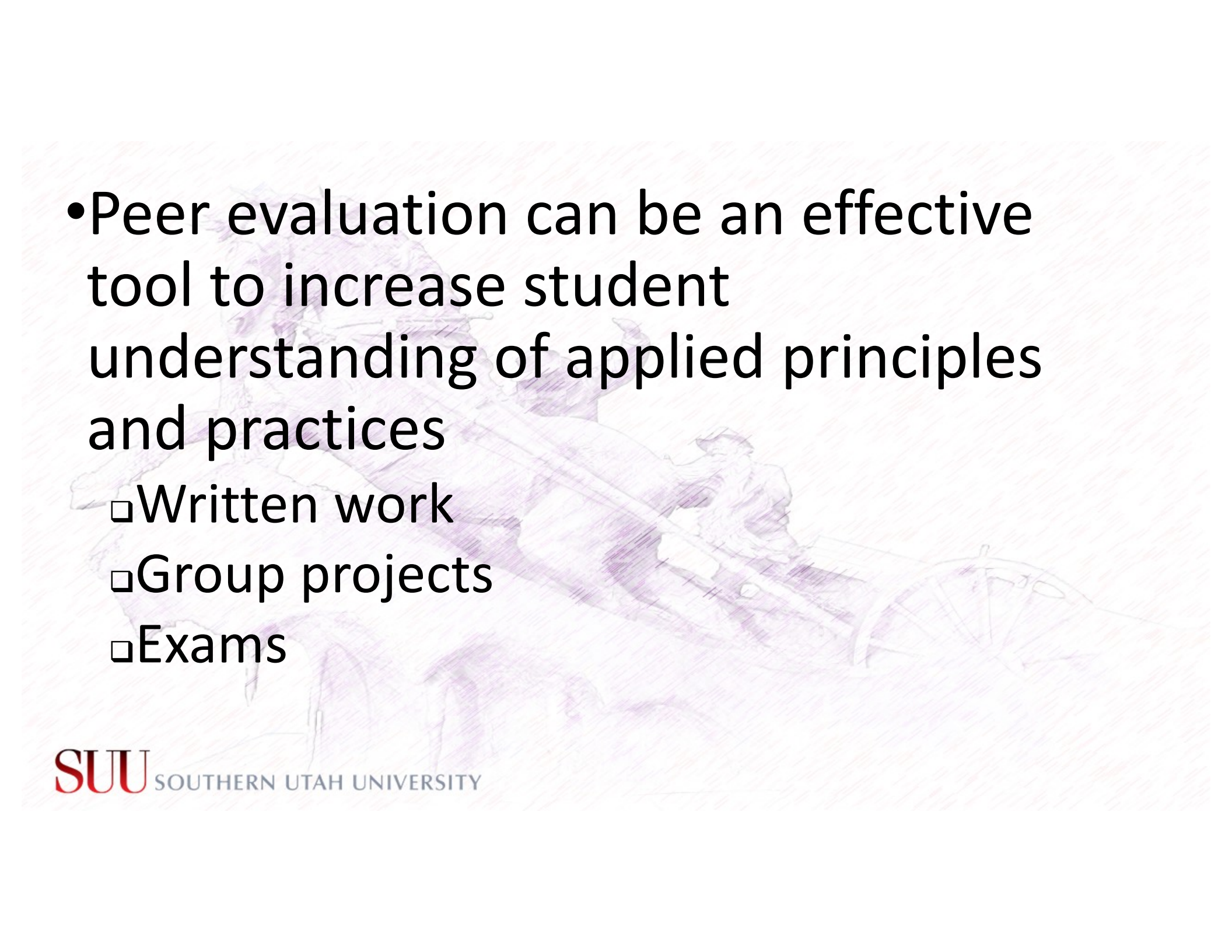


- Peer evaluation can increase understanding of equitation principles, practices
 - Students felt they improved & developed



- Faculty can take advantage to reinforce principles included in instruction





- Peer evaluation can be an effective tool to increase student understanding of applied principles and practices

- Written work
- Group projects
- Exams

Thank you!!

