# Student Expectations, Classroom Community, and East Carolina Value Reported on Group Exams

Erik Tyler Carr, Timothy Sault, Steven F. Wolf East Carolina University, Department of Physics, Greenville, NC 27858



#### Abstract

Group exams are an assessment technique that has been gaining traction in recent years. Group exams provide students with an environment that amplifies typical collaborative learning. We interviewed students who were taking group exams in physics classes to learn about how they reoport group exams influence their expectations of peers, their involvement in the classroom community, and their external values. Given the paradigm-changing nature of group exams, we find that experience is a key factor in these areas.

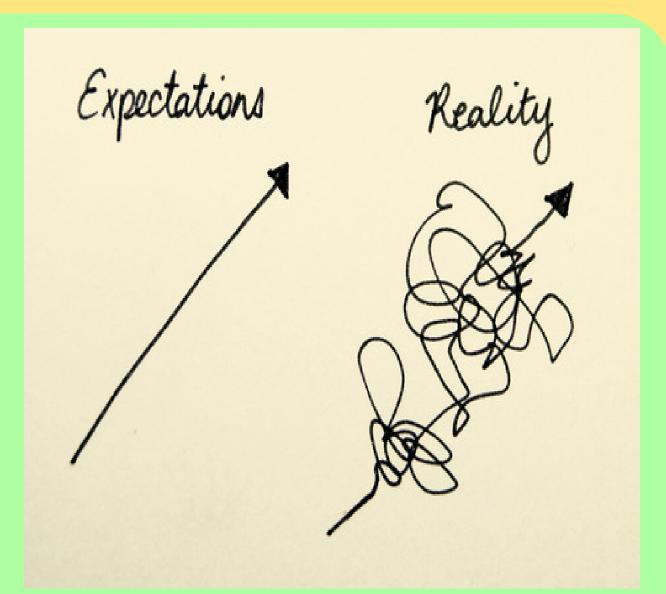
## Context and Emergent Themes

What do students expect from their group mates?

"I expect... that you've reviewed the material, you've got an idea of what the concept is, and at that point just discussion..." -Abigail

Are students active members of the classroom community via scientific debate?

"We... all argued why one answer is better than another one. So people... contributed to my uderstanding." -Ethan





## Context

- -Four semi-structured interviews
- -Two novice group exam takers
- -Two experienced group exam takers
- Students take an individual exam
- A duplicate exam is taken in groups during the next class
- -Students are allowed to work in open collaboration





Which type of exam do students value most to prepare them for a career?

"I would say the group... I think it teaches you how to groupthink, and how to, you know, communicate in a group effectively to get the work done." -Malcolm

Do group exams provide a different experience than inclass group work?

"It definitely was an experience working everything out with people, I've never had to do that... Well, I have had to do it sometimes but not in a way that like, means something." -Heather

## Conclusions and Future Directions

### **Student Expecations**

- -Come prepared
- -Effort trumps efficiency
- -Higher expectations of self = higher expectations of peers

#### **Classroom Community**

-Fosters civil scientific debate -Increases communication between peers and teachers

#### **Student Values**

- -Groupthinking
- -Communication skills
- -Prepares students for future careers

#### Group Vs. Individual

- -Group exams = $\ =\$ group work
- -Group exams mean more to students

### **Moving Forward**

- -How do instructor choices affect student behavior?
- -How do student expectations affect evidence required for claim change?

## References

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