

# 2018 Summer Skills Workshop Assessment

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AIMS<sup>2</sup> Advisory Board Meeting  
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# What Is the 2018 Summer Skills Workshop?

- The 2018 Summer Skills Workshop is an orientation to prepare incoming students to be successful at CSUN with a focus on engineering/computer science majors
  - This orientation included:
    - Meeting with current faculty
    - Lectures about student expectation and strategies for academic success in their first year
    - Tours of researcher labs and resources available to students during their time at CSUN
- There was a secondary objective to publicize and recruit students into the AIMS<sup>2</sup> Program

# What Does the 2018 Summer Skills Workshop Consist Of?

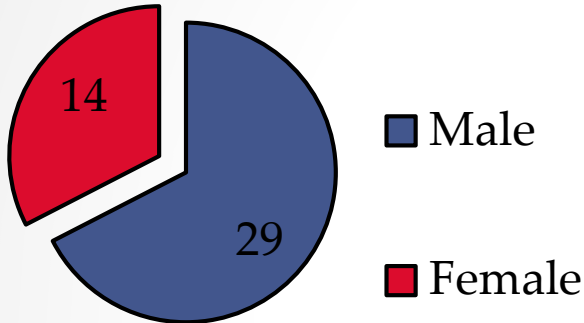
- Orientations For Both First Time Freshmen(FTF) and First Time Transfer (FTT) Students
  - The FTF orientation included 3 days –Monday through Wednesday, with Wednesday being a half day.
  - The FTT orientation included 2 days – Thursday and Friday
- There were two weeks total consisting of 4 total Workshops
  - 2 workshops for FTF
  - 2 workshops for FTT
- Sample workshops sessions included:
  - Library Tour
  - Engineering Lab Tour
  - Team Building Skills
  - Resources At CSUN

# Data Collection

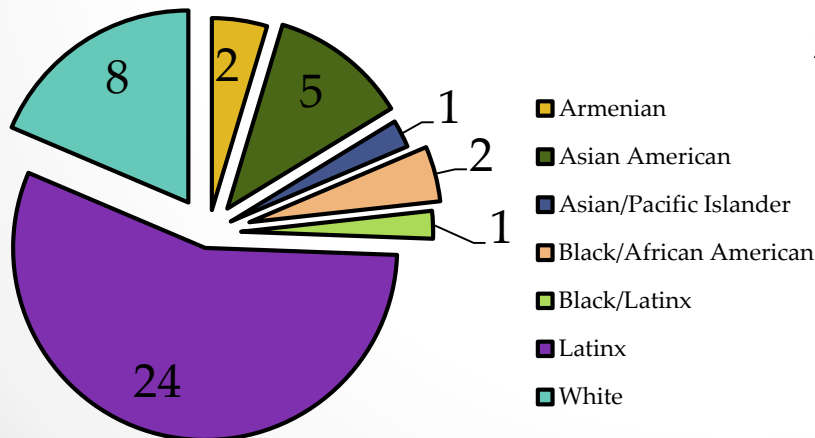
- After each workshop day, we distributed print surveys, fielding questions from students
  - Each Day Consisted Of Outcome Measures, Satisfaction Measures, Rankings, and Open Response
  - A total of 43 FTF Students Participated
  - A total of 22 FTT Students Participated
- After two months, we conducted a focus group
  - This was done to understand how the Summer Skills Workshop impacted students time after the semester had already started
  - We waited to conduct the focus groups so as to only include current AIMS<sup>2</sup> students
  - A total of 6 students participated
    - 4 being FTF
    - 2 being FTT

# Demographics - FTF

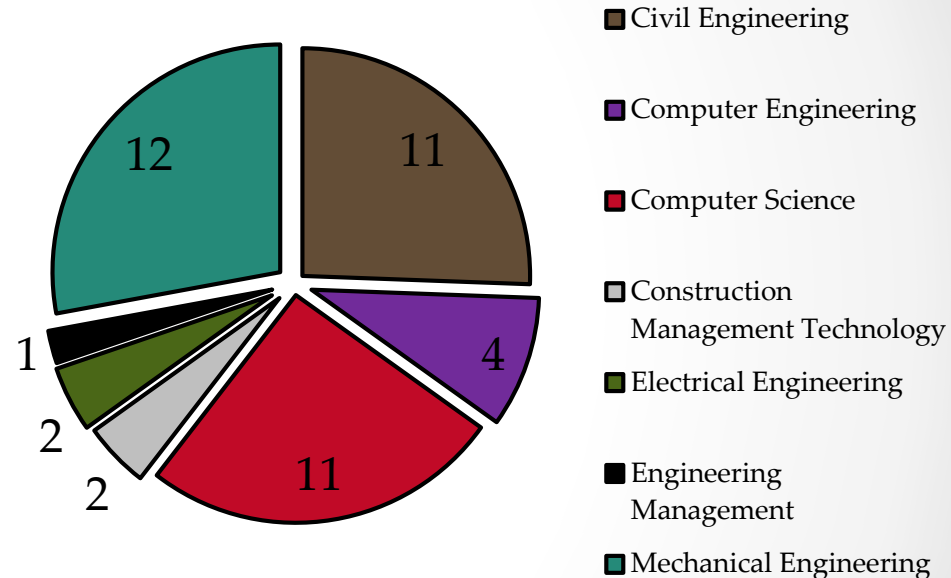
## Gender



## Ethnicity



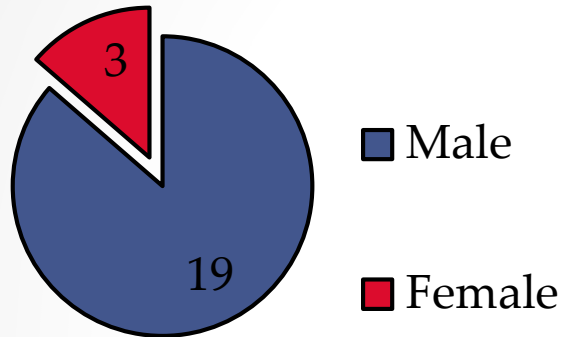
## Field Of Study



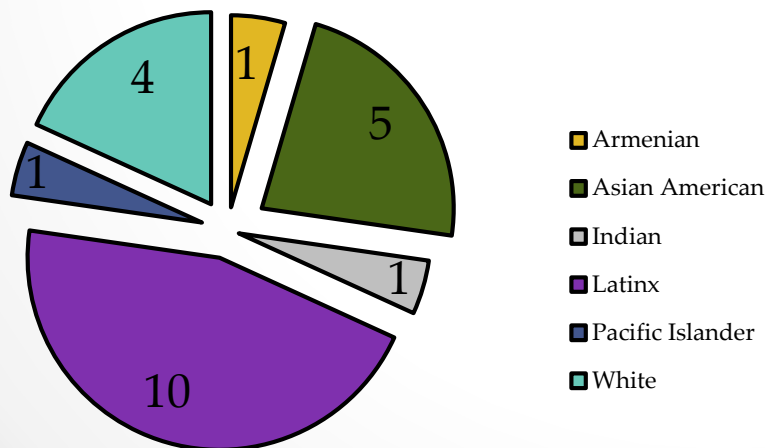
\*Based On Combining the Totals of Each Monday Workshop Session

# Demographics - FTT

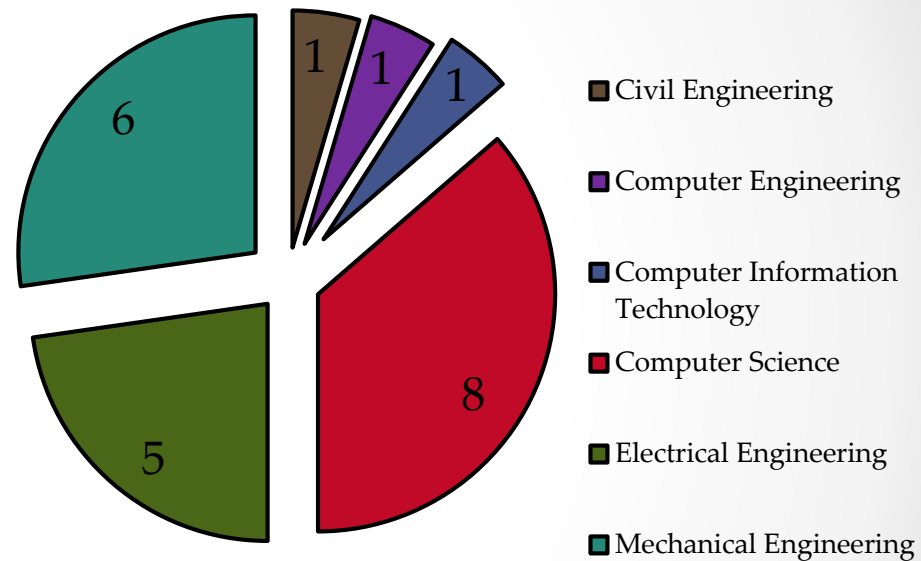
## Gender



## Ethnicity



## Field Of Study



\*Based On Combining the Totals of Each Thursday Workshop Session

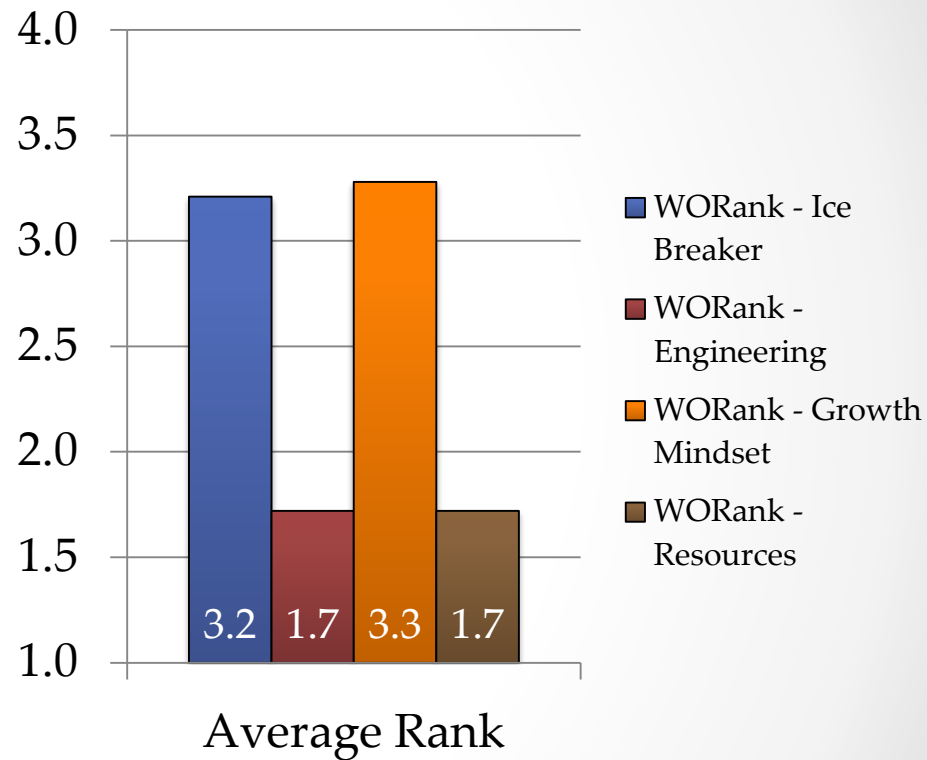
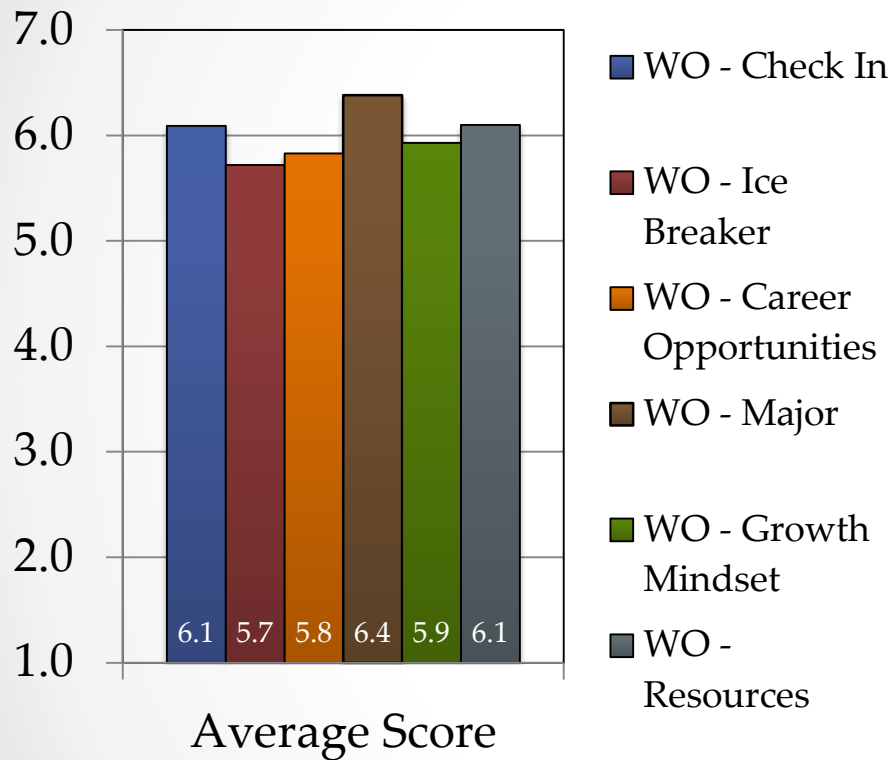
# Explaining Survey Outcomes and Scales

- Students were surveyed on two dimensions of the Summer Skills Workshop
  - Workshop Outcomes: Did the session do what it set out to do?
  - Workshop Satisfaction: Did students find they left satisfied from the session?
- We also asked students to rank the sessions based on these outcomes
  - In the proceeding graphs the lower the number the higher the rank.
  - If one session has a lower number than another session than it means most of the time it was ranked higher.
  - The distance between the average scores shows how closely or distantly each session ranked to each other in the minds of the students.

# RESULTS: OUTCOMES FOR FIRST-TIME FRESHMEN



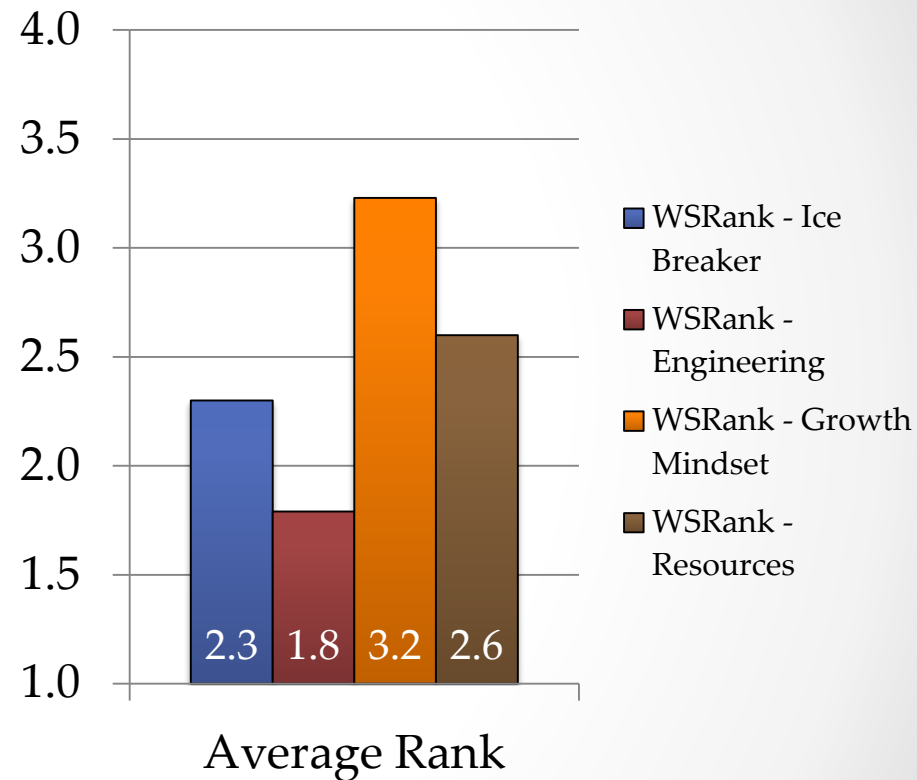
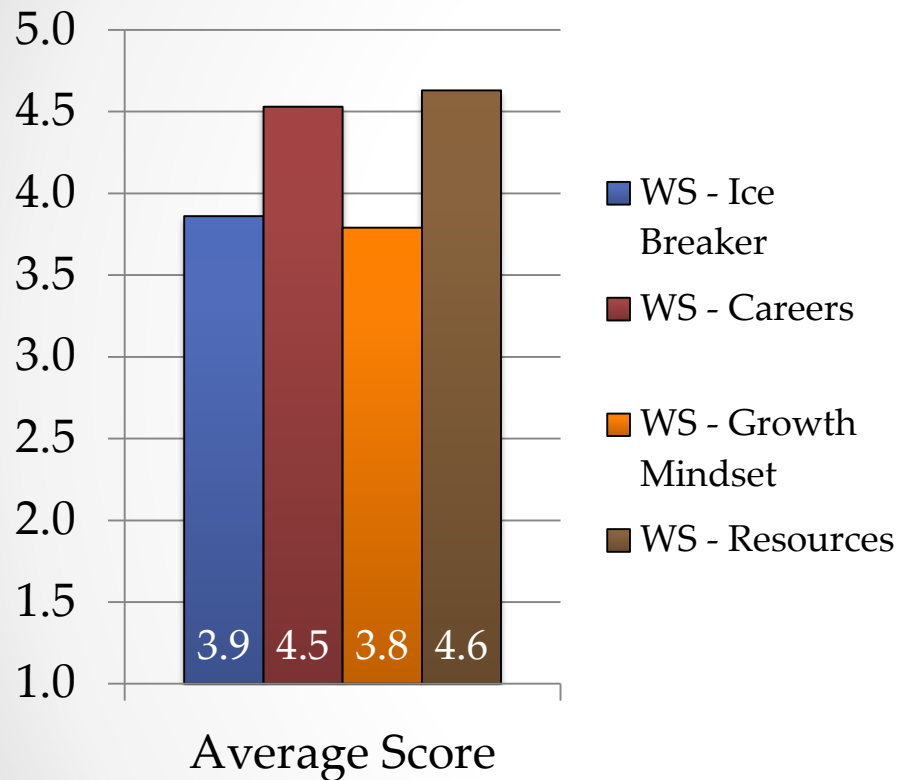
# Monday - Outcomes



\*The higher the number the lower it was ranked

**“They were very informative and made me feel better about my transition to CSUN”**

# Monday - Satisfaction



\*The higher the number the lower it was ranked

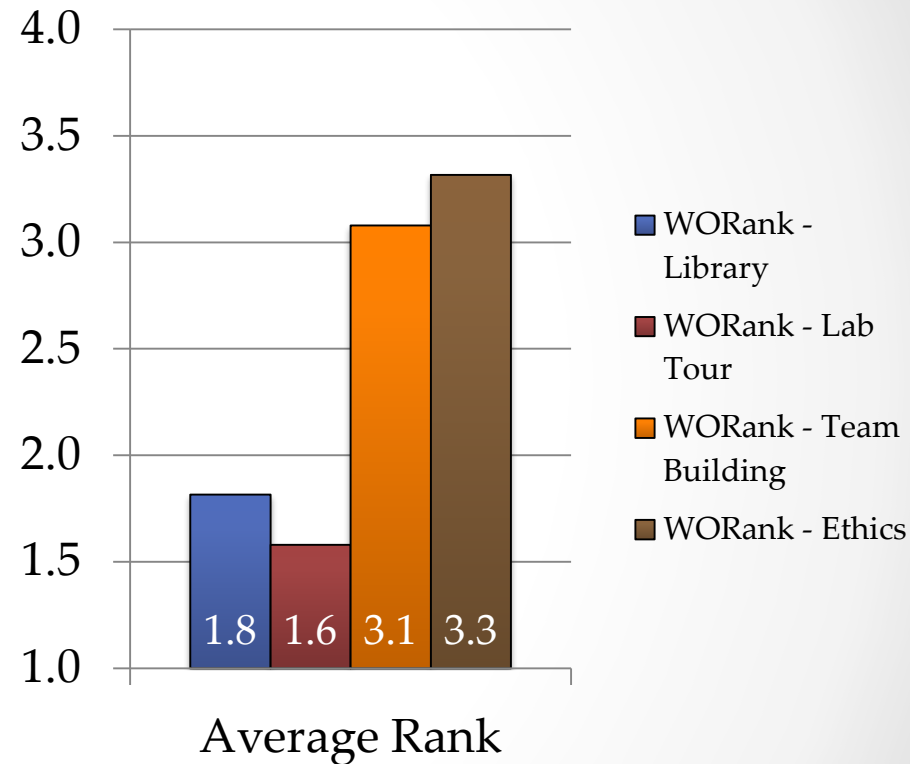
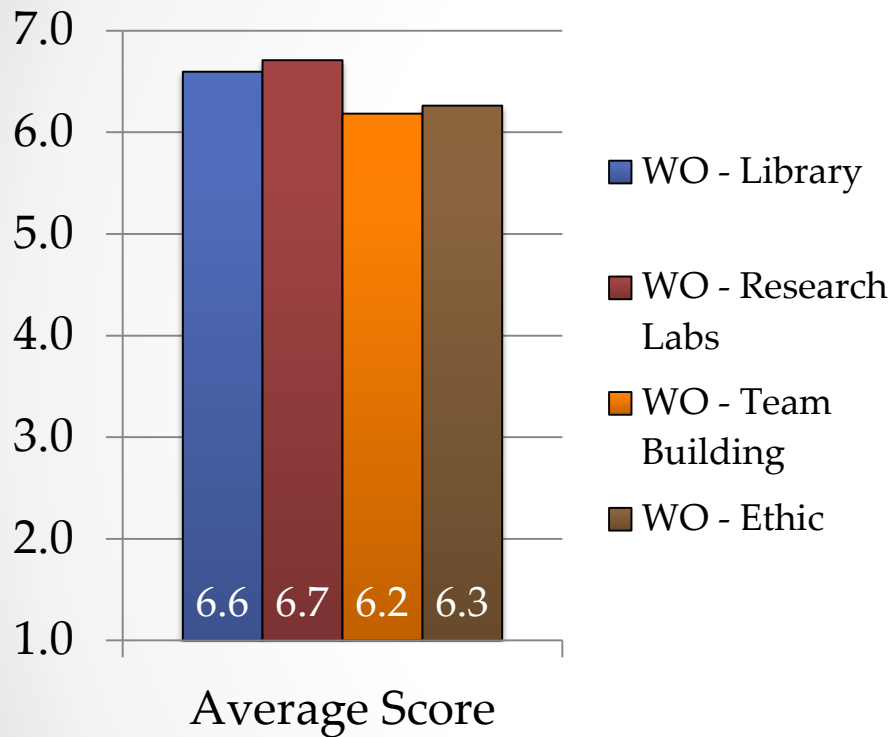
**“They were very informative and made me feel better about my transition to CSUN.”**

**“I enjoyed most of it, but felt the mindset was unnecessary.”**

● WS = Workshop Satisfaction

●

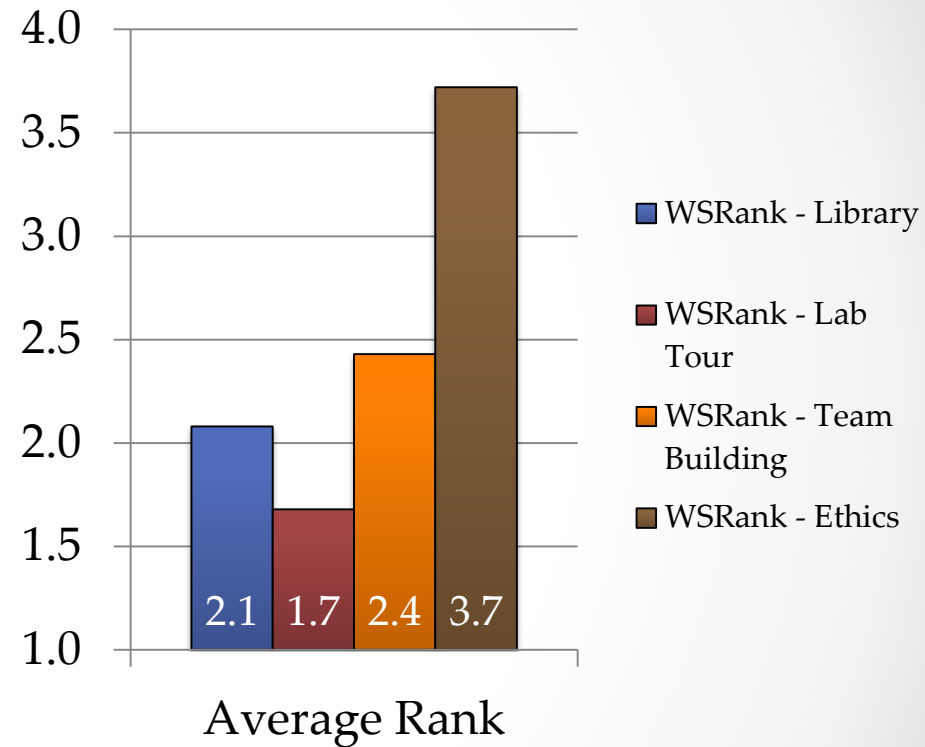
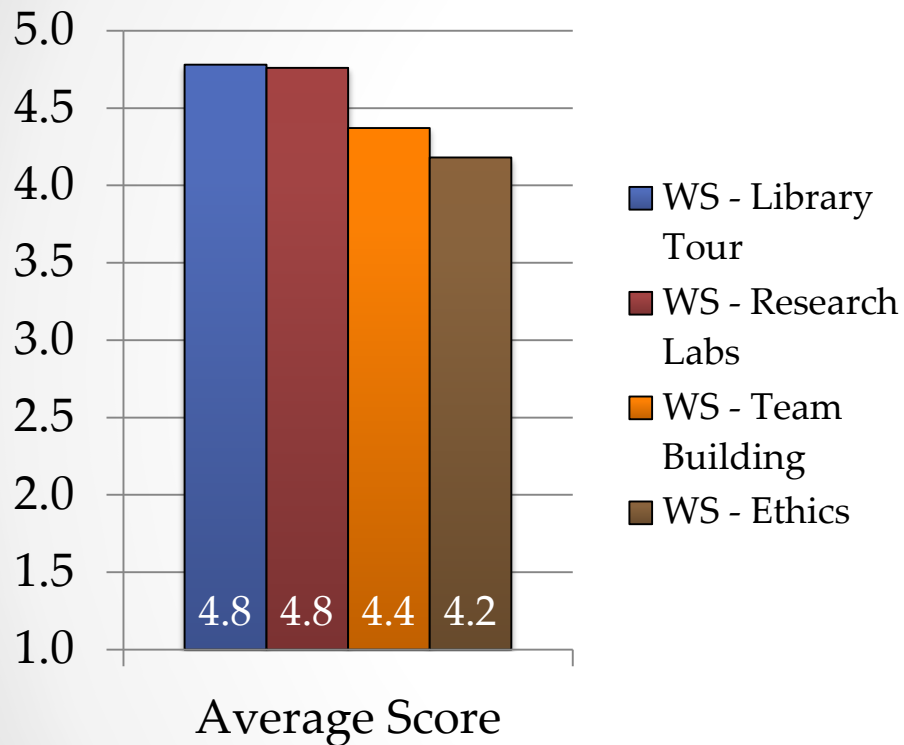
# Tuesday – Outcomes



\*The higher the number the lower it was ranked

**“I had a great experience at today's workshop and enjoyed ever part of it.”**

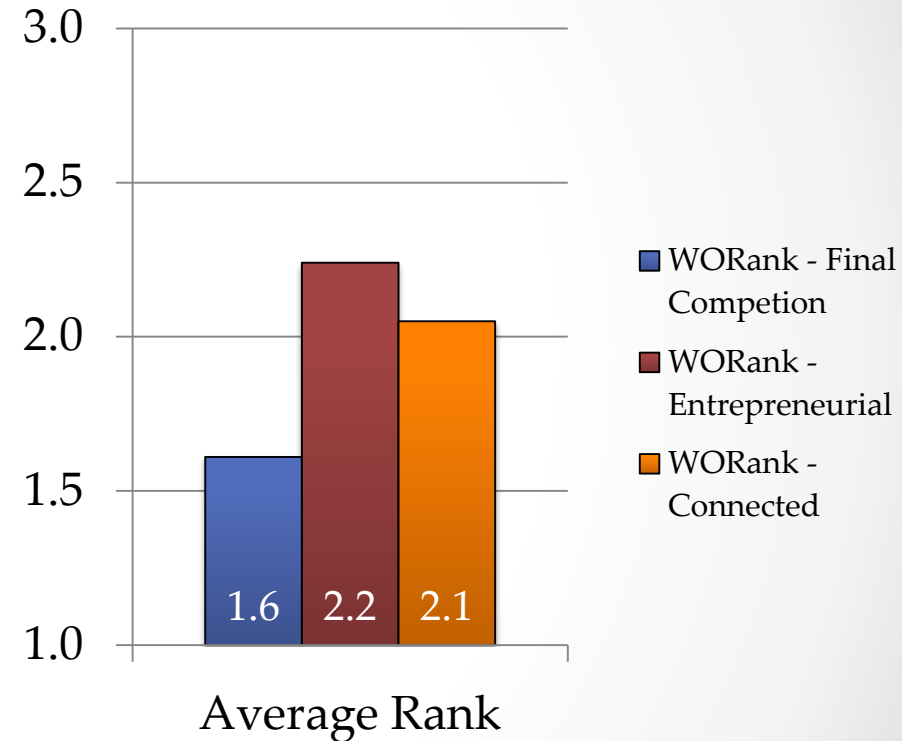
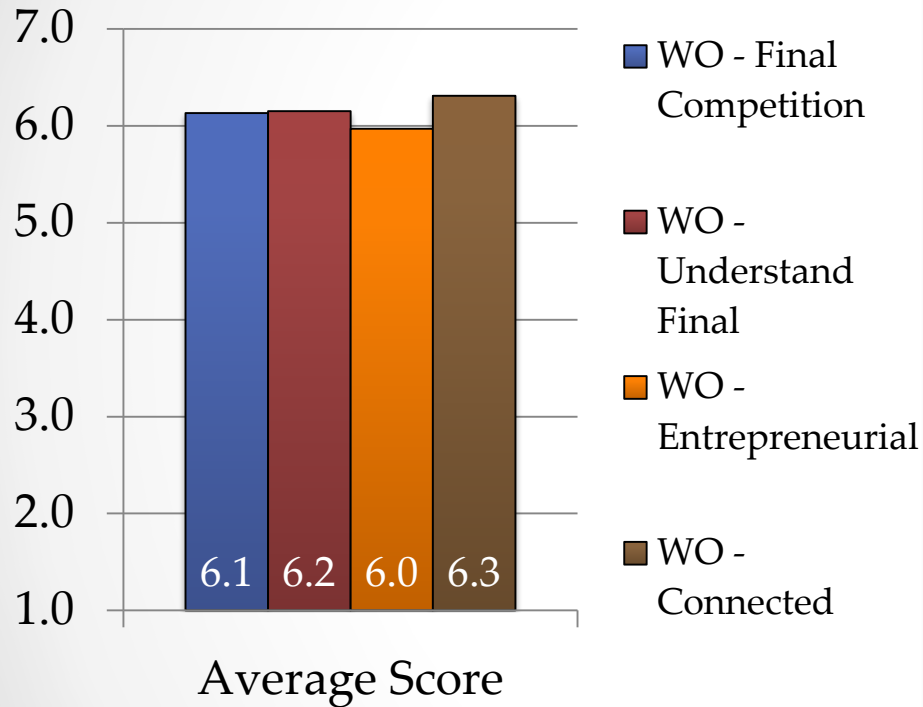
# Tuesday - Satisfaction



\*The higher the number the lower it was ranked

**“I would change the ethics site, needs more detail”**

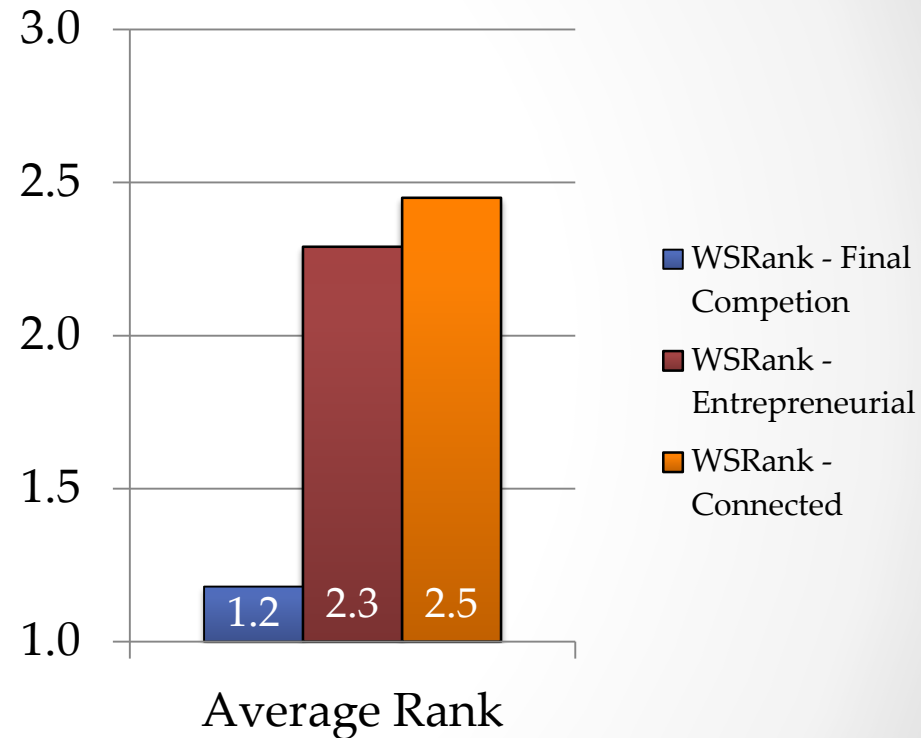
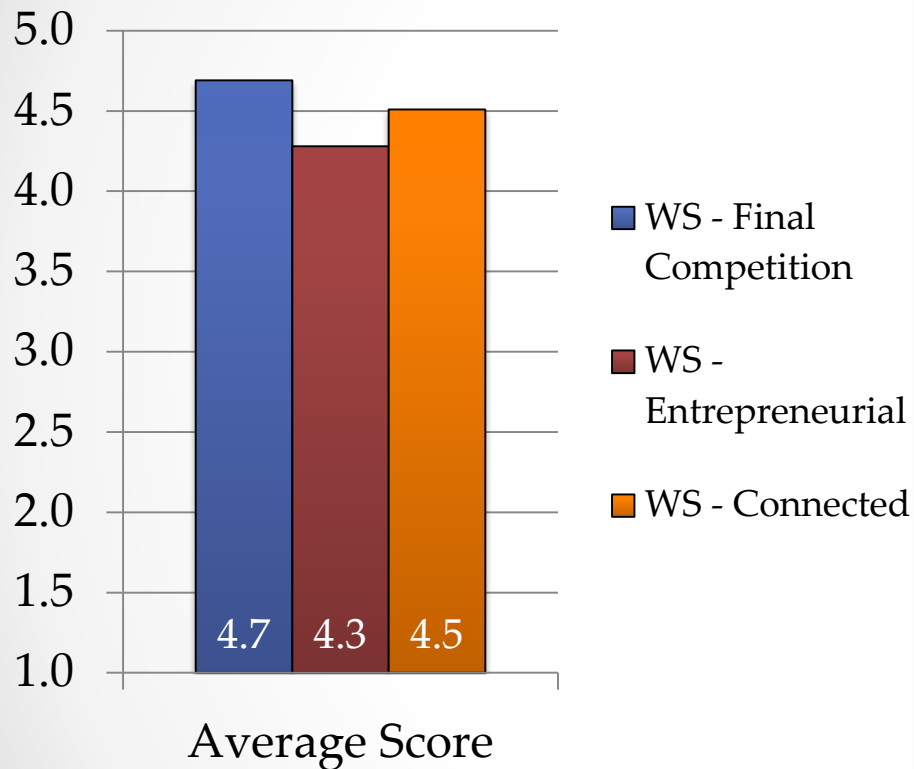
# Wednesday – Outcomes



\*The higher the number the lower it was ranked

**"I had a great experience overall in the program. It was very beneficial and I know it is going help me in the future."**

# Wednesday - Satisfaction



\*The higher the number the lower it was ranked

**“In today's session, I felt very satisfied because I learned a lot of skills such as communication and also being an entrepreneur.”**

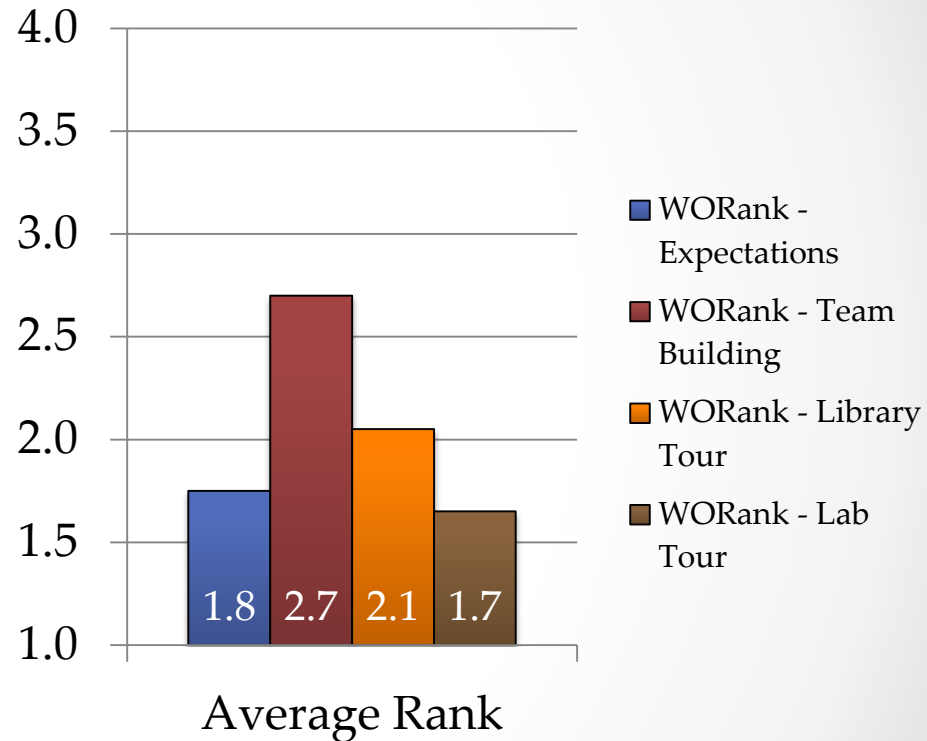
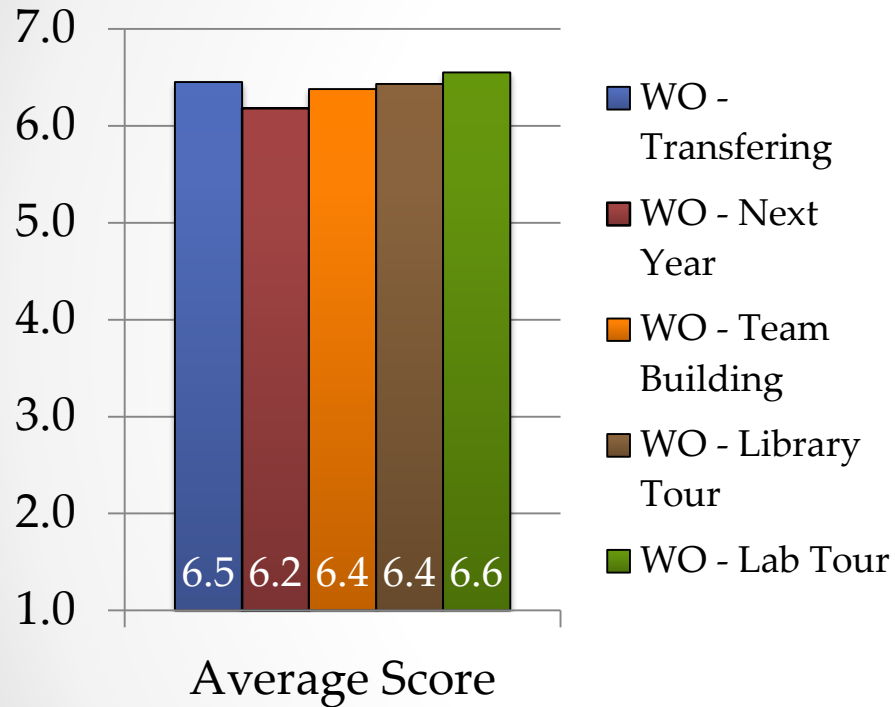
# General Patterns: FTF

- Students enjoyed most workshop sessions, though there are some sessions that student's definitely enjoyed more than others
  - Which ones Did students Enjoy?
    - Engineering Lab Tour
    - Library Tour
    - Final Competition
- Growth Mindset is an area that could use a little bit of reworking, especially because student's gave feedback about simply being shown a video
  - "The growth mindset video is really long to really enjoy."
- Students rated Engineering Ethics consistently low, they liked it but not a much as the other workshops
- Students thought the Ice Breaker was a bit awkward.
  - "I got to say that it was a little bit awkward cause it was right off the bat and we didn't know each other we were just reading off those flash cards, those business cards so it was kind of a little bit awkward cause two minutes felt like forever. "

# RESULTS: OUTCOMES FOR FIRST TIME TRANSFERS



# Thursday – Outcomes

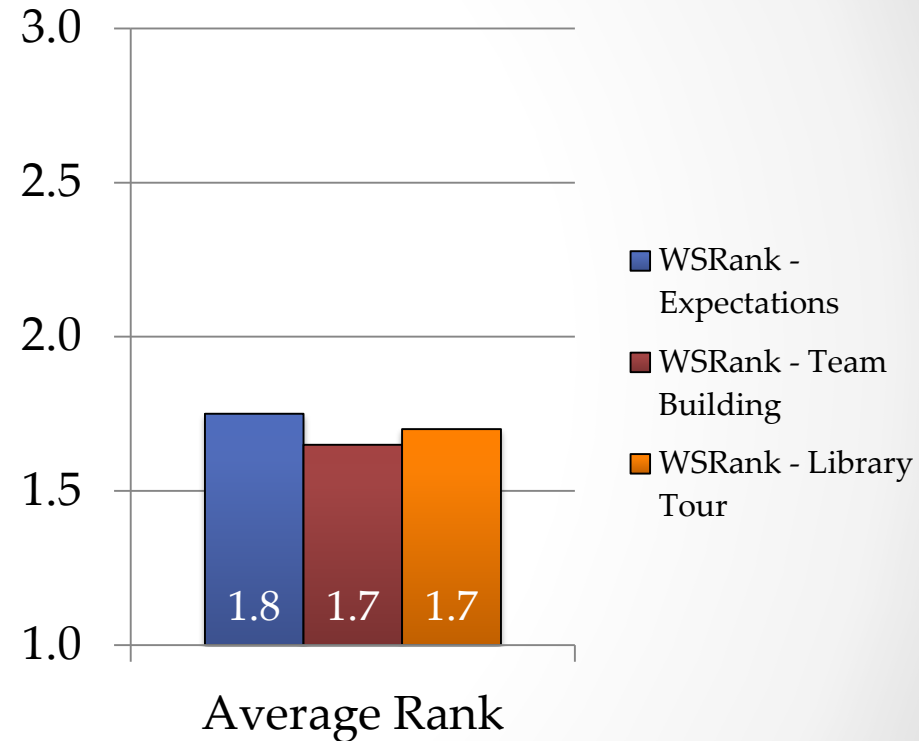
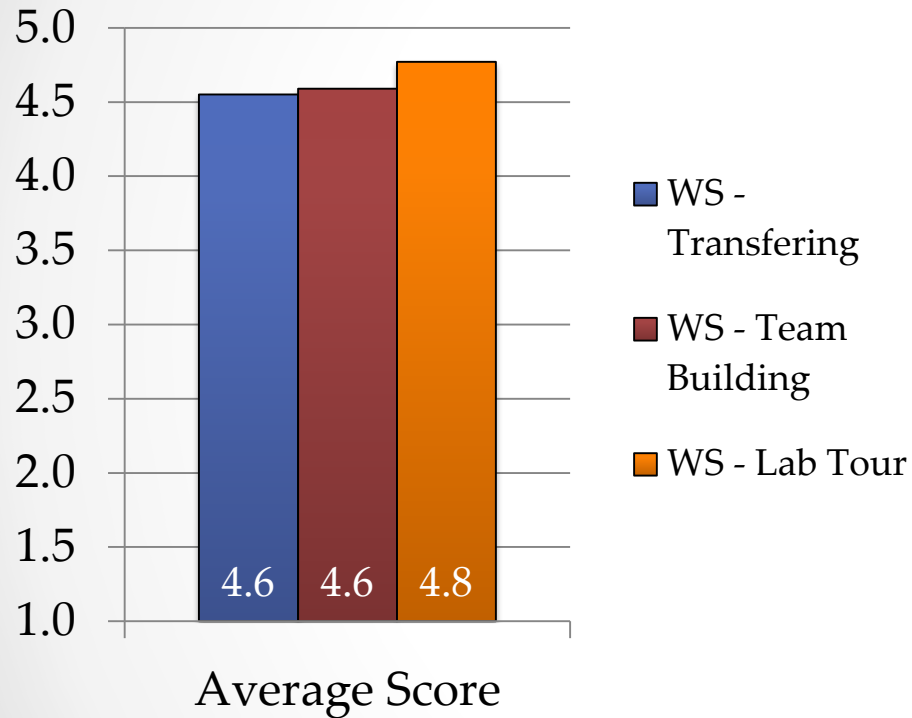


\*The higher the number the lower it was ranked

**“Tour of library and labs got me excited about starting this fall.”**

**“Loved It”**

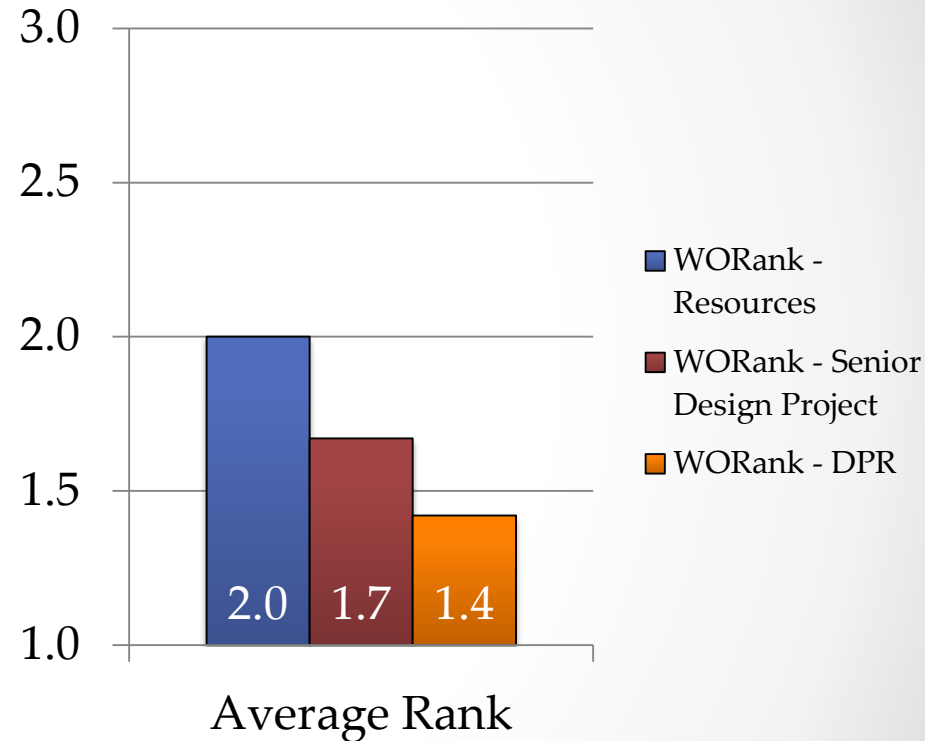
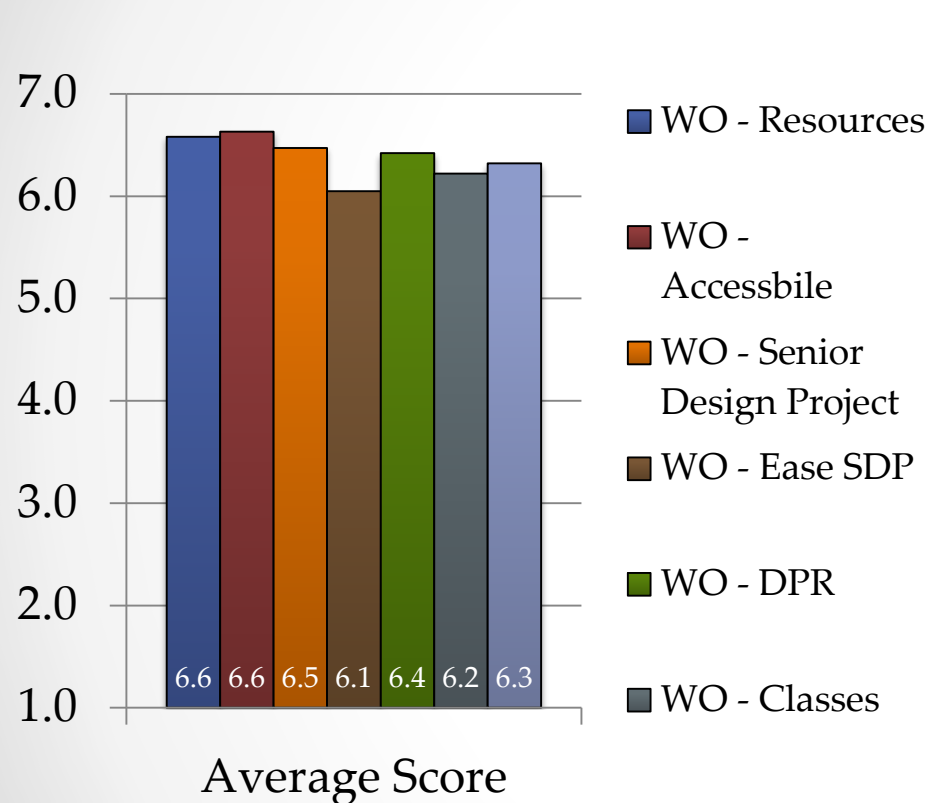
# Thursday - Satisfaction



\*The higher the number the lower it was ranked

**“The one on one explanation on my questions. The understanding of my concerns. The resources provided to succeed at CSUN.”**

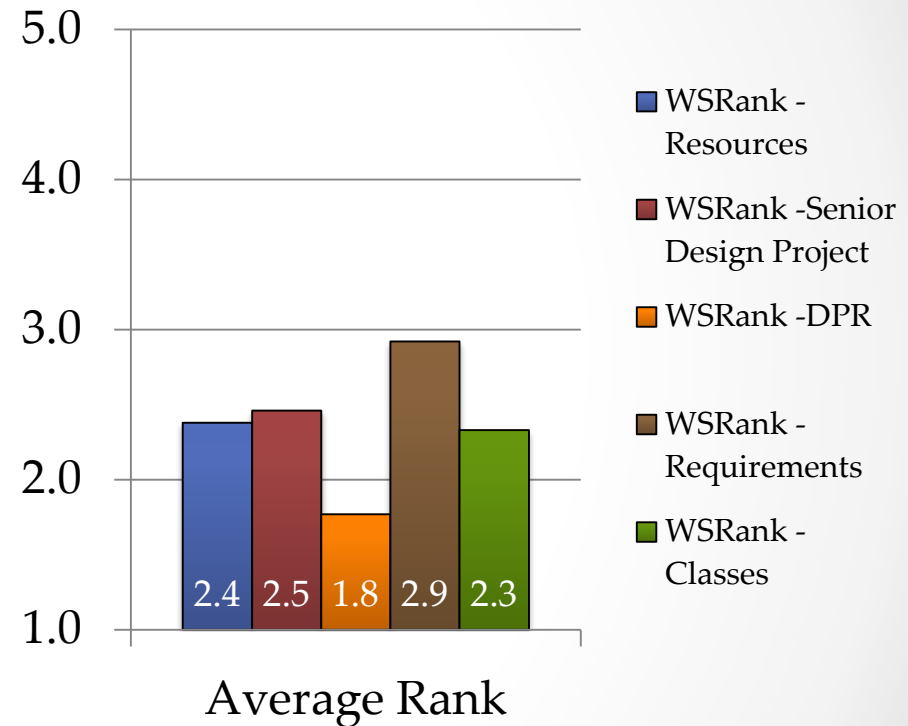
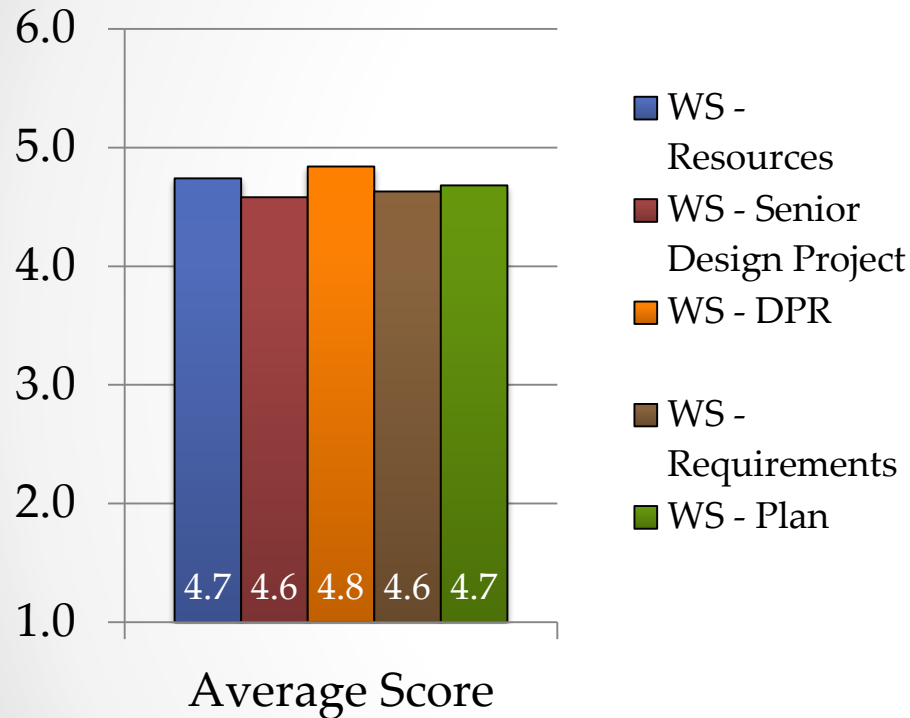
# Friday – Outcomes



\*The higher the number the lower it was ranked

**“I feel more prepared for this semester and ready to make use of the many resources available.”**

# Friday - Satisfaction



\*The higher the number the lower it was ranked

**““My favorite part was when the professors were explaining like what sort of senior projects they had done before. Hearing about those were cool, they do some interesting things like the concrete canoe is mind-boggling.”**

# General Patterns: FTT

- Students consistently rated the workshop sessions high, both in outcome and satisfaction, though some were liked more than others.
  - Which ones were liked most?
    - Library and Engineering Lab Tour
    - Senior Design Project
    - Explanations of Their DPR
- Transfer students mentioned that meeting with their faculty was extremely helpful.
  - “Understanding my DPR has been an amazing experience. Planning out my fall schedule has been so helpful. [Redacted] has made it so easy for me.”
- Since there the rankings were so close all sessions were seen as beneficial.

# General Observations Between FTF and FTT

- Students in both groups enjoyed the tours of the Library and the Engineering Lab, constantly ranked the within the highest within their days.
  - "...the library tour was definitely helpful cause I've actually used a couple of the resources that I assume would be hard to find otherwise like the media library, like I've 3D printed a couple things"
- Students in both groups enjoyed with meeting their faculty and talking about what the expectations are for them in their first year.
- Students enjoyed talking about their major and the intricacies of the department they are soon to join.
- FTT tended to like the Team Building more than the FTF students.
- The FTT sessions were focused on practical help, having less sessions than FTF

# Big Picture

- Students overall really enjoyed the workshops and found sessions extremely worthwhile to attend
- Each of the sessions was highly rated in both in their practical outcomes and the general satisfaction.
- Showing students academic resources is something students enjoyed and found useful for their first year
- Students find the experience being in AIMS<sup>2</sup> rewarding, especially the mentorship aspect
- Though there are things that can be changed, most of the responses from the students were extremely positive

**“I really liked the third day activity where we had to make shoes out of duct tape, ... we learned so many things even if it's just about engineering we've thought more about, we had a chance to think about it more”**

# Recommendations

**People enjoyed these workshops so these recommendations are based on the slight variation between them**

- Online Surveys
- Keeping to the schedule
- Changing up the Ice Breakers
- If continuing to include Growth Mindset session, have it in person rather than over a video
- Consider new approaches/options for engineering ethics session
- Meeting with the faculty has a profound impact on the student's experience—more time with faculty in workshop sessions



# Thank you!

## Questions?

**“That I’ll be prepared to what challenges (academic) lies ahead in the future. I’m well informed about the resources that are available for me. I feel really excited to start my first semester here at CSUN.”**

**“I feel so much comfortable now that I’ll be starting my first semester at CSUN this fall. Everyone was helpful and wonderful in and some were funny but in a good way. Go matadors!”**