

VC211 Final Presentation Instructions

2019 Spring
VC211 Teaching Group
SJTU JI



General Guidelines

Group Presentation is scheduled on the **8th week** (see Canvas for schedule/location). Each team is required to give a **5-8 min** presentation on one of the five experiments (E1-E5) assigned by TA. Students' PPT should include some photos documenting their experimental work. The following is a summary of general guidelines:

1. Build your whole presentation under one main theme: the so-called **'Story-Telling'** style.
2. Arrive **10 minutes before** the schedule to upload and test run your PPT.
3. All group members must **be present** and sit together in their assigned place. Do NOT walk around during the presentation.
4. Show **respect** to others' work: Keep quite, Pay attention...
5. The presentation time is **5-8 min for speech, 1-2 min for QA**. Questions shall come from the audience.



Story-Telling Style

(Have a Theme)

For Example:

- **Show the theory** such as: Arrhenius equation $k = Ae^{-E_a/RT}$ and the Rate expression $-RA = k[A]^m[B]^n$ (assuming elementary overall reaction of $aA + bB = cC + dD$). k exponentially rises with T and $-RA$ increases with k . Also, $-RA$ increases with reactants concentrations to power m & n .
- **Verify theory** (i.e.: experimental setup & procedure, showing temperature and concentrations effect, need to find values of m , n & k using a known experimental results such as the acetone and Iodine experiment)
- **Experimental Results**
- **Analysis of Results, discussions**, compare results to theory and show agreements, disagreements and reasons (such as experimental errors or theory insufficient. If theory is insufficient then this is your chance to make new theory and become famous and may be get PhD).
- **Conclusions & Recommendations**
- **References**

Remove anything not relevant.



Recommendation on Time Distribution

Total speech time 5-8 min. Suggested average time spent on each slide: **30-60 sec.** Therefore, the number of slides shall be 5-16. Some recommendations for your info:

- Cover slide, Objectives and Introduction (30-60 s)- Background (theoretical, equation provided) (30-60 s)- Brief Procedure (30-60 s) (The above three should use at most **2 min in total**).
- Data analysis (presenting the calculation based on raw data) (1.5-2 min)- Error analysis and discussion (Based on your analyzed data, compare with theoretical background, find the error within your procedure). (2-3 min)- Conclusion and Recommendation (1 min).

Think about what story to tell. Arrange the time reasonably.



Title Page (A Sample)

Topic title

Presented by: (Include full identifications – list group leader first and all in table format)
PINYIN & Chinese Name (English name for foreigners), Student ID, Email(s) & Tel, Title of each

“Group Photo here arranged from LHS in order of listed names”



Group Number:

Course Number & Title:

Professor Name & Email:



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Only for your reference. Your own style is welcome.
But all the info needs to be included.



Grading

Section and Group No.	Grades	Notes
The PPT...(15 points) <ul style="list-style-type: none">• Template design• Color panel• Attention to details, i.e., alignment, spelling, word choice, animations, tables/figures/pictures, etc.		
The Talk...(20 points) <ul style="list-style-type: none">• Clear pronunciation• Timing, 5-8 min• Gesture and dressing• Logic and concise languages• Performance in QA		
The Story...(15 points) <ul style="list-style-type: none">• All parts coherent to the Theme• Logic and critical thinking• Team work		
Total		

Each group's grade will be the average of three: two TAs and Ting.