

# The first year student's experience of peer assessment



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*This project trialed two forms of peer assessment: (1) peer assessment of contribution to group work using an online peer assessment tool (iPeer™) and (2) Calibrated Peer Review (CPR)™ for the peer assessment of an individual written report. Students considered the group peer assessment process to be fair and to accurately reflect the contribution of group members to group tasks. While considered a valuable learning experience, the CPR process was considered to be an unfair means of assessing individual written work.*

## Peer Assessment of Contribution to Group Work

The online peer assessment tool, iPeer™, was used to facilitate the peer assessment of contribution to group work. The iPeer mark was then used to moderate marks awarded to each individual member of the group.

Results of initial online surveys indicate that the majority of students believe the peer assessment process of contribution to group work to be fair (80% of respondents) and to accurately reflect the work of members of the team (76% of respondents).

## Calibrated Peer Review (CPR)

Students submitted a written report to the online CPR tool. Following submission, students work through the CPR process to:

1. Calibrate themselves against teacher-prepared sample reports of varying quality.
2. Review, assess and comment on the work of three peers.
3. Self-assess their submission.

The student's mark is awarded on the basis of their level of calibration accuracy, the quality of their work as determined by their peers, their consistency with other reviewers of the same piece of written work, and the consistency of their self-assessment with that of their peers.

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For further information on CPR visit: <http://cpr.molsci.ucla.edu>

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Calibrated Peer Review™						
Calibration Scores						
Answer Key	50% Style	75% Content	Max. Dev. = 3			
Calibrations	Min. % Correct Style Questions	Min. % Correct Content Questions	Max. Rating Deviation	Overall Grade		
Calibration 1	100%	100%	1	Mastered		
Calibration 2	80%	100%	1	Mastered		
Calibration 3	100%	100%	1	Mastered		

  

Questions	Answers					
	Calibration 1		Calibration 2		Calibration 3	
	Inst.	You	Inst.	You	Inst.	You
1. Does the essay have a descriptive topic sentence? (Does the first sentence of the essay accurately introduce the subject of the entire essay?)	Yes	Yes	Yes	No	Yes	Yes
2. Are there at least three reasons given to support the use of SI in the scientific community?	No	No	Yes	Yes	Yes	Yes