

Improving undergraduate chemistry student scientific writing through peer review

Peer Review Form

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Technical Details Checklist

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Writing Across the Curriculum Support



- Student engagement
- Easier grading
- Better instruction
- Better papers ? Maybe!
- Journal literature emphasis

Peer Review Form

CHM 319: Spring Quarter, 2010

Title _____ Author _____

Level of presentation / Is the level of presentation appropriate for the scientifically-literate undergraduate audience?
 Not appropriate Very appropriate

Organization / Are the sections of the paper presented in logical order?
 Not logically ordered Logically ordered

Clarity of expression / Is the paper clearly written?
 Very unclear Very clearly written

Coverage / Are the key topic points adequately discussed?
 Poorly discussed Adequately discussed

Graphics / Are tables, figures and illustrations well-chosen and well-presented?
 Poorly done Well-done

Bibliography / Are the references subject-appropriate, timely, and authoritative (Peer-reviewed journal articles preferred)?
 Not good Excellent

Format / Does the format (headings, paragraphing, etc.) follow the model journal?
 Poor use of model Excellent use of model

Technical Details Checklist

Appropriate title
Uses template and follows style described in Term Paper Reminders
Abstract or "teaser line" as appropriate
Body of paper is 3-4 typed pages, double-spaced, 12-point Times New Roman
Bibliography of at least 6 sources; at least 4 sources are scholarly journals or books
1-2 pages of appropriate figures and tables with appropriate titles (minimum one of each, unless waived by FS)
First and last pages of an article from the model journal attached, with DOI highlighted or included, if available
Audience description for the model journal
References in proper format for model journal

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Second revision
By Student A

Similarity Index: 92%

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Fingerprint analysis is a crucial factor in solving crime.

Term Paper Technical Details Checklist

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1-2 pages of appropriate figures and tables with appropriate titles (minimum one of each, unless waived by FS)
First and last pages of an article from the model journal attached, with DOI highlighted or included, if available
Audience description for the model journal
References in proper format for model journal

To be applied by peer reviewers and to Final Draft

Academic level grammar and spelling
Abbreviations identified at the first use