

## Style Sheet Instructions for Submitting the Final Report to the FCSM Undergraduate Research Committee

The research report should provide an account of the findings of your FCSM funded project. It is to be written in standard scientific journal-style format as described below. It should not exceed ten pages in length including figures but excluding the references. The paper should be prepared in Microsoft Word and should be double-spaced, have one inch margins, and be printed in Times New Roman, 12 pt. font. It must consist of the following components. Except for the title, each of the other six sections should begin with the corresponding section heading typed in bold face.

- **Title:** Use the same title that you used in the application proposal (Title should be in bold face font). Include the student's/students' name (s), the department, and the name of the faculty mentor (use regular font for names).
- **Abstract:** In less than 200 words summarize the findings of your research project, and the importance of the results.
- **Introduction:** (maximum of 2 pages) Provide the background and significance of the project in this section. Clearly state the research problem(s) and briefly describe how your work answers the questions.
- **Methods:** (maximum of 3 pages) Describe all the relevant experiments performed. Standard experimental protocols, or procedures that have been published before should not be described in detail. They can be referenced. This section should not contain any figures. It must be written in the past tense using the passive voice.
- **Results:** (maximum of 3 pages) Present the findings of your research here. You should include all the pertinent figures for data that you collected in this section. However, this section should not be just a collection of graphs, tables, equations and/or schemes. You must describe the results of your data as text.
- **Discussion:** (maximum of 3 pages) Explain the results that you presented in the previous section. You should do this in the context of the original problem that you set out to solve. Highlight any unexpected findings, and provide rationales for them.
- **Conclusion:** (maximum of 1 page) Summarize your results and the explanation for your findings here. Also state any further follow-up studies planned.

- **Acknowledgements:** (one paragraph) Acknowledge any and all sources of funding.
- **References:** References should be provided the format described next.

For a journal article:

Author Last name, author first initial. (, next author or and last author) (publication year). Title of journal article, *name of journal*, journal **volume number**, first page–last page.

Example:

Kumchev, A., Filaseta, M. and Pasechnik, D.V. (2007). On the irreducibility of a truncated binomial expansion, *Rocky Mountain Journal of Mathematics* **37**, 455–464.

For a book:

Author Last name, author first initial. (, next author or and last author) (publication year). *Title of book*. City (, country): publisher.

Example:

Boules, R., Harmuth, H. and Hussain, M. (1999). *Electromagnetic Signals: Reflection, Transmission, Focusing, Distortion, and Their Practical Applications*. New York: Kluwer Academic/Plenum Publishers.

For conference proceedings:

Author Last name, author first initial. (, next author or and last author) (publication year). Title of paper. In *conference proceedings title* (pp. first page–last page). City, Country): publisher.

Example:

Kim, O., (2002). Computer laboratories for mathematical finance using Mathematica and Excel. In *Proceedings of International conference on Technology in Collegiate Mathematics* (pp. 126–133). Auckland, Australia: University of Auckland Press.