Final Report for Instructional Incentive Grant:

Enhancement of web representation of the course
“Applications of Undergraduate Mathematics
to Problems in Science and Engineering”

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Total amount of the grant: $ 2,900.

This grant was intended to provide funding for the typing of my hand-written lecture notes for
the course MATH 295 “Mathematical Models in Science and Engineering” that I developed and first
taught in Spring 2007 to 8 students. In Spring 2008, this course was offered as an independent study
to 2 students.

The lecture notes have all been typed, as proposed, and can now be accessed at
http://www.cems.uvm.edu/~lakobati/AppliedUGMath
under the link “Lecture notes and related material”. The acknowledgement of this grant is found at
the bottom of that web page.

As anticipated, in Spring 2008 I introduced a number of modifications to these notes. This was
made technically possible by the fact that the notes were now in typed form; it would have been quite
cumbersome to modify hand-written notes.

The funds ($2,900) were paid to the three students who typed the notes: Vasiliy Lakoba, Anna
Holt-Gosselin, and Barbara Dewey. Also, $40 was spend on the book on \LaTeX, as was specified in
the grant proposal.