

## Maple Project Guidelines

The following guidelines may be modified by your instructor.

### **General Guidelines**

1. All projects must be done in MapleV Release 7. (Command-line Maple may *not* be used.)
2. The choice of computer platform is yours (the student's).
3. Everything in each project must be done in order, and each project is assumed to be complete when it is turned in (turning in projects in fragments is not acceptable).

### **Project Reports**

Each project is to be documented by a report. Project reports will normally require both a hard copy of Maple output, and comments and/or explanations from you. Each project (report) must:

1. be done in order.
2. clearly reference the questions to which they refer.
3. contain all Maple commands used, together with the corresponding Maple responses.
4. clearly identify all plots. (This includes labeling all axes and identifying all curves.)
5. be edited to indicate what is to be graded. (If extraneous comments or output appear that are not to be graded, they should be crossed out.)
6. be neat and easily readable.
7. be printed on a laser quality printer. (Graphics output from command-line Maple is *not* acceptable.)
8. be bound together well enough to survive potentially rough handling. (A staple in the upper left-hand corner is acceptable, but neither a paper clip nor dog-earring is acceptable.)

Further, all plots should be large enough to be easily read but not be so large that paper is wasted. In general, grades do not vary as the number of pages in a project report; to the contrary, a short accurate report is preferable to a long rambling one.)

Comments and/or explanations may be made as comments in Maple or written by hand, but they must be included in order.

### **Collaboration Guidelines**

Project reports may be prepared and submitted by groups of no more than two students: you may prepare and submit project reports by yourself, or with one other student in the class. *No more than two students may work on the preparation and submission of a report*, however. The mode of collaboration you choose can vary during the semester, as can the individuals with whom you collaborate.

If two students prepare and submit a report together then:

1. only one copy of the report should be submitted,
2. the report must clearly state who was involved in the preparation and submission of the report,
3. both students should perform an equal amount of work on the project, and
4. both students will receive the same grade on that report.

You are free to consult with your instructor, the lab assistants, and other students to get help with projects, but the work you turn in — the Maple output, as well as the comments and/or explanations — must be prepared by you (and your classmate, should you opt to work with another student).