

The Course Notebook

The course notebook (or portfolio) serves as a holistic self-assessment tool, an excellent review and reference aid, as well as a marketing device. A well-prepared portfolio can give a student an edge when applying for a job while at school. In some universities, it has become mandatory. My suggested format is to divide the notebook into sections, whenever applicable:

- 1. Course Outline.**
- 2. Formula Sheets.**
- 3. Class Handouts.**
- 4. Special Derivations.**
- 5. Extended Notes.**
- 6. Homework.**
- 7. Exams.**
- 8. Computer Programs.**
9. Projects, including a few pages explaining why you chose those particular projects, what you learned (regarding calculus, applied mathematics, etc.) from the projects, and how using computer technology has been instrumental or productive.
10. Laboratory Reports.
11. Relevant Publications.
12. Audio, Video and other Software.