

Course Materials: these are *recommended* (ie, not required) resources.

- Elementary Differential Equations with Boundary-Value Problems, William Trench. PDF version, available for (free!!) download at <http://ramanujan.math.trinity.edu/wtrench/texts/index.shtml> A students' solution manual is also available at the same web site.
- Differential Equations with Boundary-Value Problems, 9th edition, by D.G. Zill, Brooks/Cole publishers. *The course will cover material selected from chapters 1-8.* It is not required, but if you want a hard-copy book, it will be available from the Campus Store as a bundle with WebAssign included shortly.
- WebAssign. *Not required, but students are **very strongly encouraged** to subscribe to WebAssign. WebAssign is a system for on-line assignments which provides many advantages for students, including instant feedback, extra practice problems, and hyperreferences to an electronic version of the Z Textbook.* An access code for WebAssign is provided with the bundled purchase of a new textbook at Titles. If you purchased a used textbook (or an unbundled new book elsewhere,) or if you will not purchase a textbook at all, you may purchase a WebAssign subscription at the bookstore shortly or online at: <http://www.webassign.net> Price may vary, so double-check. To enroll in the classlist for WebAssign, you need the following class key:

mcmaster 9699 1336

- **Kritik** is required, but is free.
-

FAQ:

Must I purchase anything at all?

No. You could download the [Trench textbook](#) and students' solution manual from the web page, and do the practice problems each week to

prepare for the midterm tests and final exam. In this case, the only homework evaluation you will get is from the Kritik assignments and your final grade would be determined by your Kritik assignment, the two tests and final exam grades only.

Can I participate in online assignments without purchasing the textbook bundle at the bookstore?

Yes. You can subscribe to WebAssign, either by purchasing it at the Campus Store (formerly known as the bookstore) or by purchasing it online directly from the WebAssign web page. Note that WebAssign is linked to an electronic copy of the Zill textbook, so it gives you access to that textbook over the period of your WebAssign subscription (ie, during the Winter term.)

Can I purchase an older edition of the Zill & Wright textbook?

Yes, you may purchase an older edition of the hard-copy textbook, BUT be aware that the practice problems which I assign will be drawn from the 9th edition, and the pages and problems may not be the same from one edition to another.

If I don't subscribe to WebAssign, will I lose points on my final grade?

No, but on the other hand, WebAssign is a way of coercing you into doing a good number of problems on a regular basis, and it gives instant feedback in the sense that your problems are corrected immediately. So it is an effective study tool which (if used faithfully) might make you a better 2C3 student (and be reflected in a higher test or exam mark.) This combined with Kritik (which will also be a very important tool to help understand the content of the class) will help you prepare for the tests and the final exam.