

## Lecture Notes for ENGI 3425 Mathematics for Civil Engineering 1

### Changes from the first to second editions:

- Page 1.06: change format to allow more space
- Page 1.08: correct “five” to “four” at mid page
- Page 2.04: add a Cartesian coordinate grid for the plot in example 2.2.2
- Page 2.09: correct reference to example 2.3.2
- Page 2.14: add a polar coordinate grid for the plot in example 2.4.3
- Page 3.03: move the paragraph about translation of an ellipse to the end of the page
- Page 7.14: delete a note from inside example 7.3.4
- Page 8.01: add the new section to the table of contents
- Page 8.06: correct misaligned text
- Appendix: add some items to the formula sheets

### The only substantial change is:

- Pages 8.22-8.30: add new section 8.5 (additional examples)

---

➡ [Back to the ENGI 3425 web site](#)