

LaTeX style and template files for BU ECE thesis and dissertation

Content: [bu_ece_thesis.zip](#) - LaTeX package for preparation of BU ECE Master's thesis and Doctoral dissertation

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This package contains files necessary to prepare a BU ECE Master's thesis or Doctoral dissertation under the LaTeX typesetting system. It has been tested under Linux but it should also work with MiKTeX on Windows.

The package specifies thesis/dissertation style conforming to the requirements described in "Research guide for writers of theses and dissertations" from Thesis/Dissertation Coordinator, Bibliographic Services, Mugar Library (3 x 9387, 3 x 3713) and available from the departmental office.

It also defines cover page formatted to fit the cutout in ECE report cardboard covers (not to be handed in at the library). This is convenient for preparation of additional copies using the spiral binding machine available in the departmental office.

The following files are included:

- `bu_ece_thesis.sty` - BU ECE thesis/dissertation LaTeX style file,
- `BUseal_color.eps` - BU seal EPS file,
- `fancybox.sty` - fancy box style file for the title-box page,
- `fancyheadings.sty` - fancy headings style file for advanced headings,
- `apalike.bst` - "(Authors, year)" sorted BiBTeX style file,
- `apalike.sty` - "(Authors, year)" referencing LaTeX style file,
- `thesis.tex` - LaTeX template for a thesis/dissertation.

The main thesis file "thesis.tex" calls other files included in individual directories (one for each chapter). LaTeX style is defined in "bu_ece_thesis.sty", while bibliography LaTeX style is defined in "apalike.sty" and bibliography BiBTeX style is defined in "apalike.bst".

PDF caveat: In order to create a good-quality PDF version of the report (especially if it includes grayscale images) under Linux, first prepare a PostScript file using "dvips -P pdf -G0 ..." (G0 fixes the ligature problem), and then convert to PDF as follows:

```
"ps2pdf -dMaxSubsetPct=100 -dCompatibilityLevel=1.2 \  
-dSubsetFonts=true -dEmbedAllFonts=true -dAutoFilterColorImages=false \  
-dAutoFilterGrayImages=false -dColorImageFilter=/FlateEncode \  
-dGrayImageFilter=/FlateEncode -dModolImageFilter=/FlateEncode ... "
```