

Common Word Processing Problems

The theses and dissertations must each be contained in one, seamless pdf file. This presents the authors with some difficult word processing problems, which follow:

Pagination:

The pagination is different for 3 different sections of the document. There are no page numbers from the Title Page through the end of the Abstract. Then the page numbers are in lower case Roman numerals from there to the beginning of the body of the work. They are in Arabic numerals for the entire body of the work. This can be realized in MS Word as follows:

1. Put the cursor on the last page of the Abstract. Then, put a section break after the abstract by clicking
 - a. Page Layout tab
 - b. Breaks
 - c. (under Section Breaks) Next Page
2. Then you specify the page number style (none) for the first section. Leave the cursor in the Abstract. Click Insert, Footer, Blank. Down in the footer, you may see “[Insert Text]”. Highlight it and delete it. You now have the first section paginated properly.
3. At the first footer of the second section, you may see a tab “Same as Previous”.
 - a. Click on it. This will highlight an area “Link to Previous” in the menu bar.
 - b. Click the area “Link to Previous” in the menu bar. This will un-highlight it, and remove the “Same as Previous” tab on the footer.
 - c. This allows you to use a different pagination scheme in the second section.
4. Leave the cursor somewhere in the second section, click
 - a. Insert, Page Number, Bottom of Page
 - b. You should select the form with the page number at the center of the footer.
 - c. Then click Insert, then click the little down-arrow next to “Page Number.
 - d. In the drop-down menu, select “Format Page Numbers...”. This will bring up a dialog window.
 - e. In the dialog window, select Number Format corresponding to lower case Roman numerals.
 - f. In the dialog window, you have to specify a starting point “Start at” corresponding to the first page following your Abstract. This number is computed based on the assumption that the Abstract starts on page ii. For example, if you have a 2-page Abstract, you should specify “Start at” as “iv”.
 - g. Click OK in the dialog window. You have now paginated the second section.
5. To paginate the third section, follow part 4 again, with these differences:

- a. Obviously, substitute section 3 for section 2,
- b. Use Arabic numerals, and
- c. Start with page number 1.

Approval Pages in LaTeX:

Many theses and dissertations, especially in Mathematics and Engineering, are written in LaTeX. There is a template for this at <http://www.ele.uri.edu/info/thesis/guide/>. To create a suitable pdf file, some modifications are necessary to realize the Approval Page. You may recall that the online Approval Page will have the typed names of the core committee members, plus the Dean of the Graduate School. These instructions have been supplied by Shaun Joseph, a recent PhD graduate in Applied Mathematics:

You have to modify urithesis.cls. Around line 307 (after all the signature definitions) add the following:

```
--begin--
\def\deansignature#1{
  \gdef\@signatureDEAN{#1}
}
--end--
```

Then in the section that defines the signature page, at line 1045 insert:

```
--begin--
\@ifundefined{@signatureDEAN}{\gdef\@signatureDEAN{}}{}%
--end--
```

and modify line 1069 so it reads:

```
--begin--
& \shortstack[l]{\rule{0in}{0.4in}\@signatureDEAN\\\rule[-0.1in]{3in}{0.4pt}}\
--end--
```

Finally, in your own top-level tex file, add the following:

```
--begin--
\signature{Major Prof}
```

```
\signature{Second Prof}  
\signature{Third Prof}  
%optional \signature{Fourth Prof}  
%optional \signature{Fifth Prof}  
\deansignature{Grad Dean}  
--end--
```

with the appropriate names filled in. It should work! If you need the blank lines, just comment out this block.