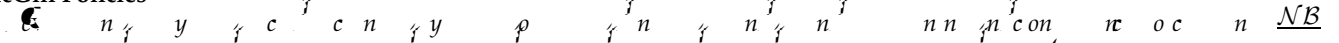**Reading and Handouts** I will issue Handouts regularly; these will be made available through *y Co* , so you should keep a steady eye on this. The Homework will also be issued in the same way. I may also post extra readings periodically. This will include some initial background material which I recommend reading *o* the course proper begins. The most interesting of these readings is an article 'Gödel's proof' by Ernest Nagel and James Newman, published in 1957 in *c n c A c n*. This presents the very important background which culminates in Gödel's Incompleteness Theorem, and has an informal presentation of the result itself. (The article was later expanded into a small book, which you can find in the library.) Gödel's Theorem is the final important goal of the 310 course, so understanding the background and having some idea of the way the result is proved cannot but be beneficial. There will also be some readings from Frege, the originator of modern logic, and also some material on the nature of logic itself. These readings will be placed on the *yCo* site in the 'Introductory Readings' folder.

Some of the material we cover in Phil 310 is dealt with in less detail in Chs. 16–19 of the book *n oo n o c* (by Barwise, Etchemendy) which is used for the introductory logic course, Phil 210, although this material is beyond the scope of a standard introduction to logic. However, it is a good idea to look at these sections *no* to familiarise yourselves with some of the ideas. For those of you who do not possess the book, I have put the relevant chapters on the *yCo* site, again in the 'Introductory Readings' folder.

Three other good books on the material covered here are: (a) Hubert Enderton: *A c n o c on o o c* (b) Elliot Mendelson: *n o c on o c o c*; and (c) George Boolos, John Burgess and Richard Jeffrey: *Co p y n o c* (4th/5th edition, Cambridge University Press). A very nice book (which, however, doesn't go as far as we will) is Dirk van Dalen: *o c n c* (3rd edition, Springer-Verlag). The best book in French is S. C. Kleene, *o* (Paris, Armand Colin, 1971, a translation of Kleene's *c o c*).

McGill Policies

1. *n y c c n y p n n n nn n con c o c n* <u>NB</u> *p n o c c o c n Co o n Con c n D c p n y* (*www.mcgill.ca/integrity o o n o on*)

2. *n n o o n gc cy yony D n y c on o c on n n o on n*