The text book does not provide a very comprehensive description of the new HDTV standard (the ATSC standard). Use the web to find out about the new standard and write a description of the standard.

Do not worry much (yet) about audio encoding or MPEG-2 video compression. Instead, focus on Parts 1, 2, 3 and 4 of the A/53 standard which you can get from the ATSC web site:

www.atsc.org

There is lots more good stuff on the web about HDTV. Find it! But remember that your professor has also heard of wikipedia. You are allowed to copy pictures, but do not just cut and paste text. You must create your own text description.